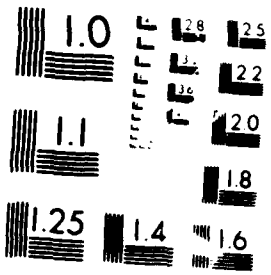
AD-A186 769 TORREJON AB SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 13 AUG 87 1/3

UNCLASSIFIED USAFETAC/DS-87/053 F/G 4/2 NL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SP 082270 USAFETAC/DS-87/053

AD-A186 769

OPERATING LOCATION - A

USAFETAC

Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

TORREJON AB SPAIN MSC 082270
N 40 29 W 003 27 ELEV 1994 FT LETO

PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: MAY 77 - APR 87

SUMMARY OF DAY DATA: OCT 57 - APR 87,

"Approved for public release;
Distribution Unlimted."

FEDERAL BUILDING

ASHEVILLE, N.C. 28801 - 2723

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-87/053, TORREJON AB SPAIN RUSSWO Aug 1987, is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

1a. **Report Security Classification:** UNCLASSIFIED

3. **Distribution/Availability of Report:** Approved for public release; Distribution unlimited.

4. **Performing Organization Report Number:** USAFETAC/DS-87/053.

5. **Monitoring Organization Report Number:** USAFETAC/DS-87/053.

6a. **Name of Performing Organization:** USAFETAC/OL-A
6b. **Office Symbol:**
6c. **Address:** Federal Building, Asheville, NC 28801-2723.

11 **Title:** (RUSSWO) Torrejon AB Spain.

12 **Personal Author(s):**

13a **Type of Report:** Data Summary
13b **Time Covered:** Oct 57-Apr 87.

14 **Date of Report:** Aug 87

15 **Page Count:** 312

16 **Supplementary Notation:**

17 **COSATI Codes:** Field--04, Group--02

18 **Subject Terms:** *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Torrejon AB Spain; Spain; SP082270.

19 **Abstract:** A six-part statistical data summary of surface weather observations for: Torrejon AB Spain. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.

20 **Distribution/Availability of Abstract:** Same as report.

21 **Abstract Security Classification:** UNCLASSIFIED.

22a **Name of Responsible Individual:** Marianne L. Cavanaugh
22b **Telephone:** (618)256-2625
22c **Office Symbol:** USAFETAC/LDD

DD FORM 1473 **UNCLASSIFIED**

A-1


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STATION NAME: TORREJON AF SPAIN

STATION NUMBER: 032270

CALL ID: LETO

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000-2300 LST

HOURLY OBSERVATIONS: MAY 77 - APR 87

SUMMARY OF DAY DATA: OCT 57 - APR 67

TIME CONVERSION LST TO GMT: -1

DATE PRODUCED: 13 AUG 1987

OL-A/USAFETAC/MAC/AWS
ASHEVILLE NC 28801

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

DESCRIPTION OF SUMMARIES: PRECEEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

TABLE OF CONTENTS

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	ELEVATION	ASSIGN	NUMBER
082270	TORREJON AB SPAIN/MADRID	N 40 29	W 003 27	1994	LETC	08227

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT BARO	OBS PER DAY
1	Torrejon AB Spain	AB	Oct 57	Mar 62	N 40 30	W 003 28	2001	2056	24
2	Same	AB	Mar 62	Dec 70	N 40 29	W 003 27	2004	2000	24
3	Same	Same	Jan 71	Feb 78	Same	Same	1994	Same	24
4	Same	Same	Mar 78	Aug 82	Same	Same	Same	Same	Same
5	same	same	Sep 82	Jan 85	same	W 003 28	1994	2007	Same
6	Same	Same	Feb 85	Apr 87	Same	Same	1994	Same	Same

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	Oct 57	Located on top of control tower.	AN/GMQ-11	[illegible]-2	N/A	
2	Jun 58	Located at approach zone rnwy 23, 500 ft W of rnwy.	Same	Same	13 ft	
3	Mar 59	Located 500 ft from centerline, 1000 ft in from end of rnwy 23/05.	Same	Same	Same	
4	Mar 60	Located 500 ft from centerline, 1500 ft from end of rnwy 23.	Same	Same	11 ft	
5	Jun 61	Located N of Base Operations across the rnwy complex.	Same	Same	11 ft	
6	Mar 62	Located 715 ft from centerline, 1810 ft from approach end ILS rnwy.	Same	Same	Same	
7	Mar 65	Located 1775 ft SW and 695 ft NW of end of rnwy 23.	T420 [illegible]-11	[illegible]-2	13 ft	

USAF-[illegible] 0-19 (OL A) [illegible]

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PP      PP    AA      AA    RR      RR        TT          AA      AA
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PPPPPPPP      AAAAAAAAAA    RRRRRRRR          TT          AAAAAAAAAA
PP            AAAAAAAAAA    RR    RR          TT          AAAAAAAAAA
PP            AA      AA    RR     RR         TT          AA      AA
PP            AA      AA    RR      RR        TT          AA      AA
PP            AA      AA    RR       RR       TT          AA      AA
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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MA EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE

2. METAR STATIONS (BEGINNING IN JAN 1963) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		5.7		.5		6.2	17.3	4.0			21.3	930
03-05		5.5		1.0		6.5	19.4	3.7			23.0	929
06-08		4.6		1.3		5.7	20.4	2.7			23.1	930
09-11	.1	5.1		.6		5.7	24.2	3.3			27.5	930
12-14		5.8		.6		6.5	16.0	5.4			21.4	930
15-17		5.6		.5		6.1	10.6	4.5			15.2	930
18-20		6.9		.6		7.3	11.5	4.7			16.2	930
21-23		6.8		.9		7.5	13.3	4.0			17.3	930
TOTALS	.0	5.8		.8		6.4	16.6	4.0			20.6	7439

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	8.5		.4		8.9	6.3	1.3			7.6	846
03-05		8.6		.4		9.0	7.8	.8			8.6	846
06-08		8.6		.4		8.7	12.8	1.2			13.9	846
09-11		9.6		.2		9.9	16.3	4.6			20.9	846
12-14		8.1		.7		8.9	9.7	4.1			13.8	846
15-17		7.8		.7		8.4	3.4	2.5			5.9	846
18-20		6.9		.4		7.1	3.9	2.0			5.9	846
21-23	.1	7.0		.2		7.2	4.6	.9			5.6	846
TOTALS	.0	7.9		.4		8.3	8.1	2.2			10.3	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		4.3		.6		4.7	1.3	.3			1.6	930
03-05		5.4		.1		5.5	3.3	.6			4.0	929
06-08		5.5		.4		5.9	6.9	1.7			8.6	930
09-11		4.6		.1		4.7	8.4	4.4			12.8	930
12-14		3.7		.1	.1	3.8	2.3	2.[illegible]			4.4	930
15-17	.4	4.1				4.1	.1	1.1			1.2	930
18-20	.3	5.5				5.5		.7			.3	930
21-23		6.0		.1		6.[illegible]	.3	.4			.7	930
TOTALS	.1	4.9		.[illegible]	.0	5.0	2.8	1.4			4.2	7439

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		7.0		.1		7.[illegible]	1.0	1.0			2.0	900
03-05	.1	5.3				5.3	2.4	1.1			3.4	900
06-08		6.0		.3		6.3	7.4	1.8			9.2	900
09-11	.1	5.7			.1	6.0	4.6	3.6			8.3	900
12-14	.4	6.1			.2	6.3	.8	1.7			2.4	900
15-17	.9	5.0			.1	6.1	.3	1.1			1.4	900
18-20	.3	8.8				8.8	.1	1.1			1.2	900
21-23	.1	10.0				10.0		1.0			1.0	899
TOTALS	.2	7.1		.1	.1	7.2	2.1	1.5			3.6	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.6	5.0				5.0	.4	.3			.8	929
03-05	.3	3.4				3.4	1.0	.4			1.4	930
06-08	.2	4.5				4.5	7.2	2.8			10.0	930
09-11	.5	6.5				6.5	4.5	3.0			7.5	930
12-14	.9	6.6				6.6	.5	.5			1.1	930
15-17	1.6	7.3				7.3	.2	.1			.3	930
18-20	1.4	6.8				6.8						930
21-23	.8	6.2				6.2	.1	.3			.4	930
TOTALS	.8	5.0				5.8	1.7	.9			2.7	7439

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.4	1.6				1.6	.1				.1	[illegible]
03-05	.6	1.6				1.6	.6	.1			.7	[illegible]
06-08	.2	1.6				1.6	2.0	1.2			3.2	[illegible]
09-11	.1	1.2				1.2	1.0	1.4			2.4	[illegible]
12-14	.3	1.7				1.7	.3	.1			.4	[illegible]
15-17	.7	2.3				2.3		.2			.2	[illegible]
18-20	2.3	3.0			.1	3.1		.2			.2	[illegible]
21-23	2.2	3.1				3.1						[illegible]
TOTALS	.9	2.0			.0	2.[illegible]	.5	.4			.9	[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: JUL

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.9	.9				.9	.1				.1	930
03-05	.2	.1				.1						930
06-08	.4	1.0				1.0	.2	.5			.6	930
09-11		.4				.4		.9			.9	930
12-14	.3	.4				.4						930
15-17	.8	1.2				1.2						930
18-20	1.0	1.7				1.7						930
21-23	1.2	1.8				1.8						930
TOTALS	.6	.9				.9	.0	.2			.2	7440

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.5	.5				.5		.3			.3	930
03-05	.2	.4				.4		.3			.3	929
06-08	.3	.6			.1	.9	.3	.8			1.1	930
09-11	.1	.6				.6		1.6			1.6	930
12-14	.3	.4				.4		1.0			1.0	929
15-17	.4	.8				.8	.2	1.0			1.2	930
18-20	.9	.9				.9		.6			.6	930
21-23	.5	1.4				1.4		.3			.3	930
TOTALS	.4	.8			.0	.8	.1	.7			.8	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.6	1.5				1.5	.7				.7	9[illegible]
03-05	.1	1.5				1.5	.7				.7	9[illegible]
06-08	.1	2.5				[illegible].5	1.6	.4			[illegible]	9[illegible]
09-11	.1	1.7				1.7	[illegible]	.7			[illegible]	9[illegible]
12-14	.1	.9				.9	.1				.1	9[illegible]
15-17	1.0	2.1				[illegible].1	.1				.1	9[illegible]
18-20	1.2	2.0				[illegible]		.1			.1	9[illegible]
21-23	.7	1.7				1.7	.1	.1			[illegible]	9[illegible]
TOTALS	.5	1.7				1.7	.7	.2			.9	72[illegible]

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.1	2.7				2.7	.6				.6	93[illegible]
03-05		3.0				3.0	1.7	.3			2.0	93[illegible]
06-08	.3	4.5				4.5	4.5	.4			4.4	93[illegible]
09-11		4.7				4.7	4.6	3.4			8.1	93[illegible]
12-14		4.[illegible]				4.[illegible]	1.1	2.3			3.3	93[illegible]
15-17	.6	4.3				4.3		.3			.3	93[illegible]
18-20	.5	4.0				4.[illegible]	.2	.2			.4	93[illegible]
21-23	.1	3.3				3.3	.3				.3	93[illegible]
TOTALS	.2	3.[illegible]				3.[illegible]	1.7	.9			[illegible]	74[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	7.3				7.3	10.0	2.3			12.3	900
03-05		6.8				6.8	12.9	1.7			14.6	898
06-08		5.9				5.9	15.6	2.2			17.8	900
09-11		7.3				7.3	19.6	5.6			25.1	900
12-14		7.7				7.7	10.0	5.7			15.7	900
15-17	.2	7.3				7.3	5.0	3.9			8.9	900
18-20		7.3				7.3	7.3	3.7			11.0	900
21-23		7.0		.1		7.0	9.0	3.4			12.5	899
TOTALS	.0	7.1		.0		7.1	11.2	3.6			14.7	7197

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		7.6		.6		8.0	19.7	2.0			21.7	930
03-05		7.3		.6		7.8	20.2	1.7			21.9	930
06-08		7.6		.8		8.3	19.0	1.8			20.9	930
09-11		8.0		.6		9.4	24.1	2.8			26.9	930
12-14		7.6		.2		7.8	18.3	4.4			22.7	930
15-17		7.5		.5		8.0	10.5	5.1			15.6	930
18-20		6.8		.5		6.3	14.4	3.7			18.1	930
21-23	.1	6.7		.3		7.2	17.0	1.8			18.8	930
TOTALS	.1	7.4		.5		7.9	17.9	2.9			20.8	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87
MONTH: ALL

	HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	ALL	.0	5.8		.6		6.4	16.6	4.0			20.6	7439
FEB		.0	7.9		.4		8.3	8.1	2.2			10.3	6768
MAR		.1	4.9		.2	.0	5.0	2.8	1.4			4.2	7439
APR		.2	7.1		.1	.1	7.2	2.1	1.5			3.6	7199
MAY		.8	5.8				5.8	1.7	.9			2.7	7439
JUN		.9	2.0			.0	2.0	.5	.4			.9	7200
JUL		.6	.9				.9	.0	.2			.2	7440
AUG		.4	.8			.0	.8	.1	.7			.8	7438
SEP		.5	1.7				1.7	.7	.2			.9	7200
OCT		.2	3.9				3.9	1.7	.9			2.5	7440
NOV		.0	7.1		.0		7.1	11.2	3.6			14.7	7197
DEC		.0	7.4		.5		7.8	17.9	2.9			20.8	7440
	TOTALS	.3	4.6		.2	.0	4.7	5.3	1.6			6.9	87639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 57-87
MONTH: ALL

MONTH	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	.2	37.0	.5	4.1	.2	38.0	44.0	29.6	.1		54.5	929
FEB	1.5	41.3		4.6	.6	43.1	28.5	19.5			39.1	847
MAR	2.5	38.1	.1	2.2	.5	38.7	17.7	15.4			25.9	930
APR	6.3	38.7		1.0	1.1	38.8	13.3	10.9			20.1	900
MAY	13.1	39.8		.1	.9	39.8	12.2	6.6			16.4	899
JUN	17.7	31.5			.5	31.5	6.2	5.4			9.6	869
JUL	11.0	13.6			.6	13.6	.3	2.4			2.7	899
AUG	8.7	12.8			.4	12.8	1.0	2.9			3.6	899
SEP	11.4	24.0			1.0	24.0	5.6	5.0			9.2	866
OCT	3.7	32.2		.1	.2	32.2	14.7	11.7			21.4	930
NOV	1.3	37.5		.9	.3	37.9	33.1	23.9			42.8	899
DEC	.2	37.0	.4	3.7	.1	38.0	41.6	27.0			51.0	926
TOTALS	6.5	32.0	.1	1.4	.5	32.4	18.2	13.4	.0		24.7	10797

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PPPPPPPP          AAAAAA        RRRRRRRR        TTTTTTTTTT          PPRRPPRRPP
PPPPPPPPP        AAAAAAAA       RRRRRRRRR       TTTTTTTTTT          RRRRRRRRRR
PP      PP      AA      AA      RR      RR          TT              RR      RR
PP      PP      AA      AA      RR      RR          TT              RR      RR
PPPPPPPPP       AA      AA      RRRRRRRRR           TT              RRRRRRRRRR
PPPPPPPP        AAAAAAAAAA      RRRRRRRR            TT              RRRRRRRRRR
PP              AAAAAAAAAA      RR    RR            TT              RR      RR
PP              AA      AA      RR     RR           TT              RR      RR
PP              AA      AA      RR      RR          TT              RRRRRRRRRR
PP              AA      AA      RR       RR         TT              RRRRRRRRRR
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PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:	".00"	EQUALS NONE FOR THE MONTH (HUNDREDTHS)
EXTREME DAILY SNOWFALL:	".0"	EQUALS NONE FOR THE MONTH (TENTHS)
EXTREME DAILY SNOW DEPTH:	"0"	EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: GR2270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .05	.06 TO .10	.11 TO .25	.26 TO .50	.51 TO 1.00	1.01 TO 2.50	2.51 TO 5.00	5.01 TO 10.00	10.01 TO 20.00	OVER 20.00	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LE
JAN	62.2	8.9	3.1	6.0	4.9	9.2	3.8	1.9	.1					28.9	926	1.62	5.20	.
FEB	56.9	9.7	3.3	7.5	5.0	9.0	5.7	2.8	.1					33.4	845	1.86	4.19	TRA
MAR	62.1	12.4	3.6	6.0	3.0	8.0	3.6	1.0	.3					25.5	922	1.31	3.53	TRA
APR	61.5	9.6	3.2	7.0	4.4	5.1	6.6	2.1	.4					28.9	895	1.79	3.75	.
MAY	60.3	11.6	2.7	6.7	4.9	7.4	4.0	1.9	.6					28.0	895	1.73	4.76	TRA
JUN	66.5	10.4	1.5	6.1	3.9	5.1	2.8	1.6	.1					21.1	867	1.14	3.27	TRA
JUL	86.4	5.8	.7	1.6	1.9	2.1	.9	.3	.3					7.8	899	.49	1.80	.
AUG	87.2	4.8	.6	2.1	1.7	1.8	1.1	.7	.1					8.0	899	.48	2.03	.
SEP	75.9	6.8	1.3	4.5	2.1	4.5	3.1	1.0	.8					17.3	868	1.22	4.07	TRA
OCT	68.6	7.7	1.2	5.4	4.0	5.4	4.8	2.2	.5					23.6	918	1.75	6.21	.
NOV	63.0	8.8	2.5	5.7	4.5	6.8	4.8	2.9	1.0					28.3	888	2.16	6.37	TRA
DEC	62.0	10.3	2.7	6.6	4.0	7.0	4.7	2.1	.6					27.7	924	1.81	5.58	TRA
ANN	67.9	8.9	2.2	5.4	3.7	5.9	3.8	1.7	.4					23.2	10746	17.36		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

24 HOUR AMOUNTS IN INCHES

-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										*.00	*TRACE	*TRACE	
58	*TRACE	*TRACE	*TRACE	*.01	*TRACE	*.20	TRACE	.27	.48	.20	.18	1.01	1.01
59	.21	.24	.33	.46	1.05	1.00	.17	.38	.82	.78	.59	.51	1.05
60	1.06	.66	.27	.06	.99	.27	.04	.46	.21	1.32	.91	.80	1.32
61	.45	.77	.23	.45	.29	.25	.32	.60	.63	.67	1.04	.40	1.04
62	.75	.70	.42	.96	.66	.34	.00	.00	1.08	.46	1.08	.97	1.08
63	.58	.33	.16	.57	.05	.61	1.27	TRACE	1.03	.50	1.22	1.03	1.27
64	.08	1.00	.43	.34	.18	.56	.26	.14	.27	.15	.87	.65	1.00
65	.45	.44	.94	.11	.29	.32	.02	.22	1.05	1.56	1.87	.78	1.87
66	.45	.64	.28	.40	.68	.74	.12	TRACE	.46	.84	1.19	.05	1.19
67	.31	.66	.40	.35	*.88	.29	TRACE	.03	.57	.74	.60	.04	*.88
68	.06	.52	1.01	1.25	.26	.24	.08	.91	.25	.13	.66	.45	1.25
69	.23	.96	1.56	1.21	.77	.62	.16	.14	.69	.43	.68	.24	1.56
70	.79	.10	.20	.15	.12	.25	.66	.13	TRACE	.56	.46	.15	.79
71	.66	.50	.57	.59	.66	.72	.65	.30	.35	1.29	.09	1.03	1.29
72	.45	.95	1.31	.10	.21	.17	.09	.04	1.87	.95	2.26	.38	2.26
73	.63	.04	.32	.24	1.26	.64	1.63	.40	TRACE	.42	.97	.64	1.63
74	.45	.46	.76	.68	.36	.24	.23	.10	TRACE	.23	.61	.27	.76
75	.66	1.06	.24	.98	.90	.39	.06	.67	.36	TRACE	.29	.25	1.06
76	.34	.85	.21	.53	.55	.66	.37	.83	1.05	.54	.29	1.03	1.05
77	.59	.35	.24	.45	.34	.77	.27	1.16	.30	1.50	.49	.95	1.50
78	.43	.61	.81	.44	.47	1.08	.00	.00	.39	.45	.37	.42	1.08
79	.98	.99	.33	.61	.28	*.10	.19	.05	1.69	.49	.22	*.32	1.69
80	.22	.54	.03	.32	1.66	.34	TRACE	.16	.18	.67	.87	.08	1.66
81	.10	.72	.37	.65	.42	.17	.37	.21	.24	.02	.06	1.11	1.11
82	.38	.77	.28	.61	1.05	.59	.96	.41	.49	.41	1.05	.12	1.05
83	.00	.27	TRACE	.44	.24	.05	.06	.77	.46	.23	.68	.42	.77
84	*.28	*.66	.46	.42	.75	.85	TRACE	.15	*.13	.34	1.84	.30	1.84
85	.45	.55	.11	.60	1.07	.57	.05	.00	TRACE	TRACE	1.16	.70	1.16
86	.20	.56	.29	.48	.87	TRACE	1.47	.72	1.47	.61	.43	.64	1.47

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
87	.66	.60	.32	1.01									
MEAN	.447	.581	.465	.533	.609	.486	.326	.319	.581	.569	.794	.558	1.251
S.D.	.270	.274	.371	.308	.399	.296	.456	.321	.516	.426	.536	.349	.351
TOTAL OBS	926	845	922	895	895	867	899	899	868	918	888	924	10746

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 092270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	-M-O-N-T-H-S-												
57										*.00	*TRACE	*TRACE	
58	*TRACE	*TRACE	*TRACE	*.01	*TRACE	*.74	TRACE	.33	.56	.48	.19	5.58	*7.89
59	.46	.29	1.10	1.26	2.97	1.70	.40	.81	2.64	2.43	1.83	2.05	17.94
60	1.99	3.09	1.54	.14	2.87	.43	.04	.52	.61	6.21	1.71	2.00	21.15
61	1.23	.43	.42	1.21	1.11	.31	.85	.73	1.76	1.56	4.49	1.21	15.33
62	1.87	1.17	2.28	2.85	2.07	.83	.00	.00	1.54	1.44	1.92	2.36	18.33
63	3.09	2.13	.50	3.18	.11	1.70	1.34	TRACE	2.25	.76	6.37	3.76	25.1[illegible]
64	.08	4.14	1.56	1.04	.47	2.11	.47	.18	.41	.30	1.01	1.79	13.56
65	1.94	1.36	2.91	.18	.49	.33	.04	.29	1.96	4.89	4.41	1.81	20.61
66	2.27	2.86	.08	1.76	1.09	1.19	.16	TRACE	1.09	4.11	2.98	.07	17.[illegible]
67	.71	2.33	.56	1.71	*1.46	.49	TRACE	.04	.58	2.12	3.4[illegible]	.05	*13.47
68	.09	2.59	2.22	3.50	.65	.26	.08	1.16	.66	.24	2.76	1.04	15.2[illegible]
69	1.05	2.91	3.53	3.27	1.74	1.12	.35	.16	3.24	1.36	1.74	.52	20.99
70	5.20	.21	.32	.19	.42	.54	1.18	.13	TRACE	.67	1.72	.51	11.19
71	2.34	.78	1.41	2.27	4.76	2.46	.89	.3[illegible]	.03	1.56	.17	2.43	19.4[illegible]
72	2.38	3.27	2.37	.10	.75	.44	.12	.04	4.07	5.21	3.63	1.59	23.97
73	1.29	.06	.69	.53	2.58	2.11	1.60	.68	TRACE	1.20	1.86	2.68	14.[illegible]
74	1.50	1.60	2.99	2.33	.67	.77	.61	.24	TRACE	.53	1.73	.37	13.74
75	1.19	1.99	1.44	3.75	2.25	1.62	.03	1.34	1.51	TRACE	.00	1.36	17.[illegible]
76	.46	2.29	.48	2.50	1.95	1.87	1.01	2.03	2.84	2.54	1.21	2.77	21.9[illegible]
77	2.50	1.74	.65	.63	.98	1.01	.75	1.47	.36	2.96	1.05	3.60	17.9[illegible]
78	1.52	2.89	1.61	1.96	1.66	3.27	.00	.00	.45	.88	1.12	3.17	18.9[illegible]
79	4.29	2.61	1.57	2.32	.62	*.26	.57	.05	2.41	2.72	.34	*.53	*15.29
80	.29	1.90	2.03	.60	2.83	1.14	TRACE	.37	.47	1.51	1.66	.10	1[illegible].92
81	.10	1.80	1.04	3.02	1.72	.25	.37	.34	.77	.03	.06	3.87	13.37
82	.85	1.27	.39	1.79	4.07	1.12	1.60	.91	.91	.95	2.68	.32	16.86
83	.00	.33	TRACE	2.04	.64	.09	.06	.96	.58	.30	3.29	1.23	9.52
84	*.64	*1.15	1.96	1.04	3.64	2.27	TRACE	.21	*.24	1.12	5.45	.42	*1[illegible].14
85	2.69	1.56	.29	2.23	2.07	1.31	.05	.00	TRACE	TRACE	2.51	3.39	16.10
86	.46	2.58	1.46	2.32	1.25	TRACE	1.57	.72	2.51	2.73	.62	.96	17.18

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	-M-O-N-T-H-S-												
87	3.41	1.98	.39	2.20									
MEAN	1.616	1.863	1.310	1.790	1.727	1.138	.493	.483	1.223	1.752	2.164	1.108	17.277
S.D.	1.315	1.040	.949	1.276	1.215	.837	.563	.520	1.126	1.639	1.592	1.404	3.645
TOTAL OBS	926	845	922	895	895	867	899	899	868	918	888	924	10746

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-67

			AMOUNTS IN INCHES													
MONTH	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 5.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LE
JAN	95.9	2.4	.9	.4	.4									1.7	939	.4	2.8	.
FEB	95.0	3.3	.7	.5	.1	.2	.1							1.7	846	.5	7.0	.
MAR	97.7	1.6	.3	.3										.6	930	.1	1.5	.
APR	99.0	.8	.2											.2	900	TRACE	.2	.
MAY	99.9	.1													899	TRACE	TRACE	.
JUN	100.0														869	.0	.0	.
JUL	100.0														899	.0	.0	.
AUG	100.0														899	.0	.0	.
SEP	100.0														8	.0	.0	.
OCT	99.9	.1													930	TRACE	TRACE	.
NOV	99.2	.8													900	TRACE	TRACE	.
DEC	96.3	2.2	.9	.4	.2									1.5	928	.3	3.1	.
ANN	98.6	.9	.2	.1	.1	.0	.0							.5	10797	1.3		

GLOBAL CLIMATOLOGY BRANCH
(GCAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 08,270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANY MONTH
57										TRACE	TRACE	*.0	
58	TRACE	TRACE	TRACE	.1	.0	.0	.0	.0	.0	.0	TRACE	TRACE	..
59	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	..
60	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	..
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	..
63	.0	3.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	..
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	..	..
65	TRACE	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	..
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
67	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	..
68	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	..
70	1.9	TRACE	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.5	..
71	2.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.
72	.3	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	..
73	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	..
74	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
75	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
78	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2..
79	.0	TRACE	.0	.0	.0	*.0	.0	.0	.0	.0	.0	*.2	*..
80	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
81	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1..
82	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
83	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
84	*.0	*4.5	.4	.0	.0	.0	.0	.0	*.0	.0	.0	.0	*4..
85	.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3
86	TRACE	1.4	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.4

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
						-M-O-N-T-H-S-							
87	1.0	.3	.0	.0									
MEAN	.39	.30	.09	.00	TRACE	.00	.00	.00	.00	TRACE	TRACE	.24	.85
S.D.	.710	.729	.290	.017	.000	.000	.000	.000	.000	.000	.000	.516	.909
TOTAL OBS	929	896	930	900	899	869	899	899	868	930	900	928	10797

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TOWHEJON AF [illegible]

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
57										TRACE	TRACE	[illegible]	
58	TRACE	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	TRACE	[illegible]
59	.0	2.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
60	2.2	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
61	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
62	.0	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63	.0	7.2	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
64	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
65	TRACE	1.9	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
66	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	TRACE
67	1.2	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
68	.0	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
69	.0	.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]
70	2.0	TRACE	[illegible]	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	2.0	[illegible]	1.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	TRACE	[illegible]
72	.5	TRACE	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
73	.0	TRACE	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74	.0	TRACE	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
75	.0	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
76	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
77	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	TRACE
78	2.8	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	.0	TRACE	[illegible]	[illegible]	[illegible]	*[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	*[illegible]	*[illegible]
80	TRACE	.0	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	TRACE
81	1.0	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
82	.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
83	.0	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
84	*.0	**.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	*[illegible]	[illegible]	[illegible]	[illegible]	*[illegible]
85	.3	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
86	TRACE	1.4	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTE: * (MADE ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

TOTAL MONTHLY SNOWFALL IN INCHES

-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	1.1	.3	[illegible]	.0									
MEAN	.45	.47	.11	.01	TRACE	.00	.00	.00	.00	TRACE	TRACE	.30	1.35
[illegible]	.416	1.374	.369	.136	.100	.000	.000	.000	.000	.000	.000	.713	1.819
TOTAL YRS	929	896	930	900	899	869	899	899	868	930	900	926	10797

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH
FROM SUMMARY OF DAY DATA

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-67

AMOUNTS IN INCHES

MONTH	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST LE
JAN	97.7	1.6	.3	.3										.6	929		
FEB	98.8	.4	.2	.4	.1	.1								.8	846		
MAR	99.7	.3													930		
APR	100.0														900		
MAY	100.0														899		
JUN	100.0														869		
JUL	100.0														899		
AUG	100.0														899		
SEP	100.0														868		
OCT	100.0														929		
NOV	100.0														900		
DEC	99.5	.4	.1											.1	928		
ANN	99.6	.2	.0	.1	.0	.0								.1	10796		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

DAILY SNOW DEPTH IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										*0	0	*0	
58	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
59	0	1	0	0	0	0	0	0	0	0	0	0	1
60	2	0	0	0	0	0	0	0	0	0	0	TRACE	2
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	4	0	0	0	0	0	0	0	0	0	0	4
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
70	TRACE	0	0	0	0	0	0	0	0	0	0	1	1
71	1	0	TRACE	0	0	0	0	0	0	0	0	0	1
72	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	2	0	0	0	0	0	0	0	0	0	0	0	2
79	0	0	0	0	0	*0	0	0	0	0	0	*TRACE	*TRACE
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	1	0	0	0	0	0	0	0	0	0	0	0	1
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	*0	*TRACE	TRACE	0	0	0	0	0	*0	0	0	0	TRACE
85	0	0	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	-M-O-N-T-H-S-												
87	1	TRACE	0	0									
MEAN	.2	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
S.D.	.577	.759	.000	.000	.000	.000	.000	.000	.000	.000	.000	.189	.934
TOTAL OBS	929	846	930	900	899	869	899	899	868	929	900	928	10796

NOTE * (BASED ON LESS THAN FULL MONTHS)

```
PPPPPPPP        AAAAAA      RRRRRRRR      TTTTTTTTTT        CCCCCC
PPPPPPPPP      AAAAAAAA     RRRRRRRRR     TTTTTTTTTT       CCCCCCCC
PP      PP    AA      AA    RR      RR        TT          CC      CC
PP      PP    AA      AA    RR      RR        TT          CC
PPPPPPPPP     AA      AA    RRRRRRRRR         TT          CC
PPPPPPPP      AAAAAAAAAAA   RRRRRRRR          TT          CC
PP            AAAAAAAAAAA   RR    RR          TT          CC
PP            AA      AA    RR     RR         TT          CC      CC
PP            AA      AA    RR      RR        TT           CCCCCCCC
PP            AA      AA    RR       RR       TT             CCCCCC
```

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHE THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	-M-O-N-T-H-S-												
57											NE *35	SSE 44	
58	NNW 50	WSW 48	SW *42			WNW*24	NNE 29	W 29	WSW 25	SSW 35	N 26	W 41	
59	NNW 31	ENE 24	N 39	W 39	SSE 28	NNW 33	W 26	SSW 28	WNW 28	N 32	W 46	WNW 39	W 45
60	N 44	SSW 36	WSW 29	N 31	NE 28	NNW 27	WSW 35	WSW 28	SW 34	S 33	SSE 28	NNW 32	N 44
61	W 33	W 32	SE 26	WNW 26	S 28	SSW 27	NNW 36	SW 49	SW 46	NNW 31	WSW 34	WSW*30	SW 45
62	WNW 40	N 39	SW *34	W 30	NE 28	NE 25	SW 24	NNE 33	S 35	N 35	NNW 40	NNW 28	WSW 4[illegible]
63	S 34	W 40	N 38	W 35	NE *30	WSW 44	ESE 34	NW 38	WNW 31	N 37	SW *30	SE 38	WSW 44
64	NNW 27	WSW 32	WSW 38	WSW 29	NNE 37	SSW 44	SE 30	WSW 30	WSW 38	NNW 46	WNW 26	N 37	NNW 4[illegible]
65	WNW 52	N 31	SW 38	N 34	NNE 29	W 33	WSW 26	SSE 26	S 35	SSE 24	SSW 32	W 39	WNW 5[illegible]
66	W 41	W 31	E 25	N 39	NNW 34	W 34	SW 41	WSW 32	SSE 37	S 33	SSW 44	W 34	SSW 4[illegible]
67	SE 34	SW 29	NE 40	N 37	N 32	NNE 25	S 28	N 31	WSW 29	ESE 24	N 36	NE 34	NE 4[illegible]
68	N *44	WSW 34	N 40	WSW 40	WSW 36	WNW 35	25/ 31	23/ 46	23/ 33	23/ 33	19/ 37	23/ 49	23/ 4[illegible]
69	25/ 40	18/ 38	25/ 36	25/ 33	3/ 30	24/ 27	4/ 28	31/ 27	24/ 27	5/ 22	26/ 36	33/ 59	33/ 5[illegible]
70	21/ 42	33/ 34	4/ 36	36/ 39	13/ 35	26/ 31	36/ 35	31/ 55	23/ 29	36/ 40	25/ 55	17/ 35	31/ 5[illegible]
71	26/ 38	23/ 60	1/ 41	32/ 30	17/ 30	26/ 35	17/ 38	25/ 30	26/ 33	7/ 35	1/ 42	4/ 43	23/ [illegible]
72	32/ 33	25/ 49	30/ 43	28/ 36	2/ 30	5/ 28	20/ 38	20/ 34	1/ 29	20/ 41	6/ 34	17/ 29	2[illegible]/ 4[illegible]
73	35/ 37	34/ 36	35/ 32	34/ 33	24/ 32	33/ 32	3/ 39	23/ 54	36/ 29	31/ 36	26/ 37	35/ 32	23/ 5[illegible]
74	26/ 36	35/ 40	1/ 36	21/ 30	29/ 37	31/ 43	11/ 37	5/ 34	21* 29	1/ 38	25/ 34	7/ 23	31/ 4[illegible]
75	30/ 33	19/ 25	29/ 39	6/ 30	5/ 40	26/ 36	19/ 28	23/ 40	5/ 29	31/ 32	31/ 35	7/ 31	6/ 4[illegible]
76	1/ 29	1/ 30	31/ 32	6/ 34	35/ 32	34/ 36	27/ 32	27/ 28	22/ 35	29/ 43	22/ 35	26/ 40	2[illegible]/ 4[illegible]
77	6/ 33	15/ 36	2/ 40	36/ 35	2/ 40	25/ 28	22/ 27	4/ 30	29/ 32	16/ 30	28/ 24	24/ 33	2/ 4[illegible]
78	36/ 39	26/ 41	25/ 30	35/ 41	34/ 32	21/ 46	6* 25	36/ 29	21/ 29	2/ 36	36/ 32	25/ 38	21/ 4[illegible]
79	27/ 35	33/ 53	1/ 37	23/ 36	23/ 35	5/ 32	36/ 28	1/ 35	4/ 43	20/ 32	28/ 37	1/ 32	30/ 5[illegible]
80	1/ 34	4/ 26	33/ 38	8/ 26	33/ 27	20/ 28	26/ 25	4/ 31	19/ 30	24/ 35	36/ 40	1/ 46	1/ 4[illegible]
81	3/ 45	5/ 30	25/ 27	1/ 31	35/ 31	22/ 26	20/ 34	33/ 28	29/ 33	24/ 28	1/ 37	23/ 57	23/ 5[illegible]
82	36/ 33	34/ 30	13/ 36	6/ 39	23/ 30	25/ 28	29/ 40	23/ 26	5/ 28	25/ 38	25/ 36	34/ 37	29/ 4[illegible]
83	1/ 25	32/ 37	1/ 38	29/ 39	27/ 38	36/ 25	22/ 32	26/ 38	30/ 28	24/ 28	29/ 37	23/ 47	23/ 47
84	24/ 33	35/ 39	23/ 40	30/ 35	27/ 40	25/ 28	22/ 28	26/ 26	30* 27	27/ 40	23/ 39	5/ 26	23/ 4[illegible]
85	36/ 33	29/ 37	31/ 35	25/ 36	2/ 23	24/ 22	17/ 25	36/ 32	34/ 27	27/ 26	24/ 26	21/ 24	29/ 37
86	31/ 30	26/ 36	33/ 31	35/ 30	23/ 32	27/ 27	34/ 31	23/ 28	24/ 36	27/ 39	18/ 33	36/ 32	27/ 39

NOTES * (BASED ON LESS THAN FULL MONTHS)
% (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 08270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
87	35/ 48	2/ 44	35/ 33	22/ 28									
MEAN	36.6	36.6	35.5	33.9	32.4	31.6	31.6	33.6	32.1	33.9	35.9	37.4	47.4
S.D.	6.614	8.101	4.826	4.263	4.422	6.443	5.026	8.064	4.964	5.805	6.784	8.496	6.997
TOTAL OBS	922	841	920	866	863	840	888	896	855	895	865	913	10564

NOTES * (BASED ON LESS THAN FULL MONTHS)
$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.7	2.8	1.6	1.8	.3	.2		.2				11.7	6.8
NNE	6.1	4.1	.9	.8								11.8	4.2
NE	3.0	3.2	.2	.5	.1							7.1	4.7
ENE	2.6	1.7	.1									4.4	3.4
E	.9	.8	.1									1.7	3.6
ESE	.3	.1		.1								.5	5.2
SE													
SSE	.1	.1										.2	3.0
S	.5	1.2	.4	.2	.1							2.5	6.5
SSW	.3	1.3	2.3	.3								4.2	7.4
SW	.9	1.2	1.3	1.4								4.7	8.0
WSW	1.0	.9	.9	1.1								3.8	7.0
W	.6	.5	1.4	.6								3.2	7.6
WNW	.9	.2	.1	.2								1.4	4.5
NW	1.0	.3		.1	.1							1.5	4.6
NNW	1.3	1.2	.3	.2								3.0	4.6
VARIABLE			.2									.2	10.0
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	38.9	//////
TOTALS	24.2	19.6	9.8	7.4	.6	.2		.2				100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.4	2.4	1.2	1.2	.5	.3	.1					10.1	6.8
NNE	6.1	3.4	1.2	.2	.3							11.3	4.7
NE	3.9	2.5	.6	.2								7.2	5.4
ENE	1.4	1.7										3.1	4.4
E	1.3	.5	.1									1.9	5.3
ESE	.1			.1								.2	8.5
SE	.3	.1										.4	2.5
SSE	.3	.3	.3									1.[illegible]	[illegible]
S	.4	1.1	1.2	.2								2.9	6.[illegible]
SSW	.1	1.4	1.8	.6								4.[illegible]	8.[illegible]
SW	.5	1.2	1.3	.6								3.7	7.3
WSW	.4	1.4	1.2	.6	.1							3.[illegible]	7.[illegible]
W	.5	.4	.8	.8		.2						2.7	8.[illegible]
WNW	.2	.3	.1	.1								.9	6.[illegible]
NW	.9	.3		.1	.2							1.5	5.6
NNW	.8	.6	.1	.4								1.9	5.5
VARIABLE		.1		.2								.3	11.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	43.2	//////
TOTALS	21.7	17.9	9.9	5.5	1.2	.5	.1					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 062270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.5	1.8	1.2	2.2	.3							10.0	6.4
NNE	6.0	2.6	.9	.4	.1	.2						10.2	4.4
NE	3.7	3.2	1.1	.1								8.1	4.1
ENE	2.4	1.1	.3	.1								3.9	3.6
E	1.3	.2										1.5	2.6
ESE	.1	.2										.3	3.3
SE	.1											.1	1.0
SSE	.2	.3	.1	.2								.9	6.4
S	.5	1.2	.8	.6								3.1	6.9
SSW	.9	1.0	1.6	.6	.1							4.2	7.6
SW	.3	1.0	1.1	.2								2.6	6.6
WSW	.3	1.0	1.4	1.2	.1							4.0	8.8
W	.3	1.0	.5	.4	.1	.1						2.5	8.5
WNW	.2	.3	.6	.1								1.3	7.0
NW	.5	.3	.1	.3								1.5	6.3
NNW	1.7	.6	.3	.1	.2							3.0	5.1
VARIABLE			.1	.1								.2	9.5
CALM												42.9	
TOTALS	23.1	15.8	10.1	6.8	1.0	.3						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(EST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 OR	TOTAL %	MEAN WIND
N	2.4	1.4	1.4	2.2	1.0							8.4	8.6
NNE	3.9	1.8	1.6	.4	.2							[illegible]	[illegible]
NE	3.2	3.3	1.4	.5	.1							8.6	[illegible]
ENE	1.4	1.9	.5	.3								4.2	[illegible]
E	2.0	.6										[illegible]	2.8
ESE	.5	.1	.1									[illegible]	[illegible]
SE	.4	.1										[illegible]	[illegible]
SSE	.9	.5	.1	.3								1.8	[illegible]
S	.9	1.3	1.2	.8								4.1	[illegible]
SSW	.3	1.5	1.2	.9								[illegible]	7.4
SW	1.5	.9	1.1	.9	.2	.1						4.7	7.4
WSW	.6	.8	.9	1.3								[illegible]	8.5
W	1.0	.9	1.0	1.2	.4							4.4	9.0
WNW	.2	.2	.1	.6								1.2	9.8
NW	.5	.1	.1	.4	.1							1.3	9.4
NNW	.8	.1	.8	.2		.1						1.9	7.4
VARIABLE		.1	.2	.1								.4	9.8
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	39.7	//////
TOTALS	20.5	15.8	11.6	10.1	2.0	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	.3	1.3	1.7	1.7	.3	.1					6.2	12.9
NNE	1.1	1.2	.5	.6	.1	.1						3.7	7.2
NE	2.7	1.9	1.7	1.5	.3							8.2	6.7
ENE	1.7	1.4	.6	1.2								4.9	6.6
E	2.0	.8	.3									3.1	3.5
ESE	.8	.6										1.4	3.4
SE	1.6											1.6	1.9
SSE	2.0	.2	.1	.3	.1							2.8	4.5
S	3.9	1.6	1.1	1.1	.1							7.7	5.1
SSW	3.0	2.9	1.9	1.2	.2							9.2	6.1
SW	1.5	2.4	1.6	1.7	.3	.2						7.7	7.9
WSW	1.7	1.1	.6	2.2	.2	.1						5.9	8.7
W	.6	.8	.8	1.4	.1	.2						3.9	9.9
WNW	.5	.1	.3	1.5	.4							2.9	11.7
NW	.3	.1	.2	.3	.2							1.2	10.5
NNW	.3	.3	.3	.4	.3	.1	.1					1.9	12.0
VARIABLE		.2	.6	.2								1.1	9.1
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	26.5	//////
TOTALS	24.6	15.9	12.2	15.4	4.2	1.1	.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 082273 STATION NAME: TORREJON AB SPAIN — PERIOD OF RECORD: [illegible]
MONTH: JAN — HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-1[illegible]	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL %	MEAN WIND
N	.8	1.5	1.6	3.1	1.6	.5	.2					[illegible]	[illegible]
NNE	1.5	.8	.6	.3	.1	.1						[illegible]	[illegible]
NE	1.0	1.2	1.1	1.7	.1							[illegible]	[illegible]
ENE	1.1	.6	.8	.7								[illegible]	[illegible]
E	.8	.9	.2									[illegible]	[illegible]
ESE	.6	.7	.1										[illegible]
SE	.6	.1		[illegible]								[illegible]	[illegible]
SSE	.8	.7										[illegible]	[illegible]
S	1.9	1.9	[illegible]	[illegible]								[illegible]	[illegible]
SSW	5.1	4.9	[illegible]	[illegible]	.1							[illegible]	[illegible]
SW	3.5	3.7	[illegible]	[illegible]	.4							[illegible]	[illegible]
WSW	1.2	1.5	[illegible]	[illegible]								[illegible]	[illegible]
W	1.2	1.2	.5	[illegible]	[illegible]	.2						[illegible]	[illegible]
WNW	.6	.7	.6	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	.6	.1	.4	[illegible]	[illegible]							[illegible]	[illegible]
NNW	.4	.8	.7	[illegible]	[illegible]							[illegible]	[illegible]
VARIABLE		[illegible]	.8	[illegible]								[illegible]	[illegible]
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	[illegible]	[illegible]
TOTALS	22.7	14.6	[illegible]	[illegible]	4.6	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

USAF AF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: UR2270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.5	3.7	3.1	3.4	.6	.5						15.9	7.8
NE	2.4	1.6	1.6	1.1	.3							7.0	6.7
E	1.5	1.3	.9	.5	.1							4.3	6.2
SE	.9	1.3	.2									2.4	3.9
S	.7	.1	.4									1.1	4.4
SW	.1	.1	.1									.3	4.3
W	.2	.1										.3	3.0
NW	.1	.1	.2									.4	5.8
VRB	.8	1.3	.8	.2								3.0	5.7
TOTAL	2.2	2.4	2.0	.3								6.9	5.3
010	1.4	1.6	1.7	1.2	.1							6.3	7.2
020	1.3	1.1	1.0	1.3	.4	.1						5.2	8.4
030	2.6	1.3	2.2	.8	.2							7.0	6.4
040	.6	1.[illegible]	.9	1.[illegible]	.1							3.5	8.4
050	1.4	.4	.1	.2	.1							2.2	4.4
060	1.7	1.[illegible]	.5	.3	.1							4.4	5.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.6	//////
TOTAL	22.4	19.0	15.7	1[illegible]	2.2	.6						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 9[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.9	4.1	1.6	2.2	.2	.3	.1					13.4	6.5
NNE	4.7	3.7	1.8	.9	.3							11.4	5.4
NE	2.3	3.3	.2	.6	.1							6.6	5.0
ENE	1.2	1.7	.3									3.2	4.1
E	.6	.4										1.2	2.9
ESE	.1	.1										.2	3.5
SE	.3		.1									.4	4.5
SSE	.3	.4	.1									.9	3.8
S	1.4	1.2	1.1	.1								3.8	5.2
SSW	.3	1.2	1.6	.1	.1							3.3	6.7
SW	.3	1.5	1.7	.8								4.3	7.6
WSW	.4	.6	1.3	.8	.3							3.4	8.8
W	.3	.8	1.3	1.0	.2							3.5	8.8
WNW	.3	.4	1.0	1.0								2.7	9.2
NW	1.0	.2	.5	.1								1.8	5.3
NNW	1.5	1.2	.5	.4	.1							3.8	5.7
VARIABLE					.1							.1	20.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	35.9	//////
TOTALS	20.2	20.9	13.2	7.8	1.5	.3	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	2.2	1.6	2.2	.8	.3	.1	.0				10.6	8.2
NNE	4.0	2.4	1.2	.6	.2	.1						9.4	5.1
NE	2.6	2.5	.9	.7	.1							6.9	5.3
ENE	1.6	1.4	.4	.2								3.6	4.6
E	1.2	.6	.1									1.9	3.4
ESE	.3	.2	.0	.0								.6	3.8
SE	.5	.1	.0	.0								.5	2.8
SSE	.6	.3	.1	.1	.0							1.1	4.7
S	1.3	1.3	.9	.5	.0							4.1	5.9
SSW	1.6	2.1	1.8	.6	.1							6.2	6.2
SW	1.3	1.7	1.5	1.1	.2	.0						5.7	7.4
WSW	.9	1.0	1.1	1.3	.2	.0						4.5	8.3
W	.9	.8	1.1	1.0	.2	.1						4.1	8.4
WNW	.5	.3	.5	.8	.1	.0						2.2	9.2
NW	.8	.3	.2	.3	.1							1.7	6.6
NNW	1.1	.8	.4	.4	.1	.0	.0					2.8	6.7
VARIABLE		.1	.2	.2	.0							.5	10.3
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	34.6	//////
TOTALS	22.4	18.1	12.0	10.1	2.1	.5	.1	.0				100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.8	2.4	2.5	1.2								10.9	5.5
NNE	4.5	3.7	.8	.4								9.4	4.1
NE	4.3	2.7	1.1	.4								8.4	4.1
ENE	1.5	1.8	.4	.2								3.9	4.7
E	.6	.6	.1									1.3	3.6
ESE	.4	.2										.6	2.7
SE		.2										.2	5.0
SSE	.5	.4	.5	.1								1.4	5.9
S	.6	1.5	1.3	.5								3.9	6.4
SSW	.6	2.0	2.8	.8	.2							6.4	7.7
SW	.2	1.4	2.8	.9								5.4	8.2
WSW	.5	.4	1.2	.9	.5	.1						3.5	10.2
W	.2	1.2	.8	.5	.1							2.8	7.6
WNW	.2	.1	.2	.2								.8	8.3
NW	.5	.1	.1	.1								.8	4.6
NNW	1.1	.7	.4	.5								2.6	5.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	37.5	//////
TOTALS	20.4	19.4	15.0	6.7	.8	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: GR2270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0700-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.0	1.4	2.1	1.7								9.2	5.9
NNE	5.6	3.3	.6	.4								9.8	3.9
NE	2.2	2.7	.5	.8								6.3	4.8
ENE	1.3	1.2	.2	.1								2.8	3.9
E	.5		.1	.1								.7	3.0
ESE	.1	.1										.2	3.5
SE			.2									.2	8.0
SSE	.2	.2	.1									.6	4.7
S	.6	2.0	1.2	.4								4.1	6.2
SSW	1.2	2.0	2.6	.8	.1							7.3	6.8
SW	1.2	.8	2.6	1.2	.2							6.0	8.2
WSW	.4	.6	1.7	.4	.2							3.4	8.1
W	.4	.4	.6	.1								1.4	6.4
WNW	.4	.1	.2									.7	4.3
NW	.4		.2	.1								.7	7.2
NNW	.4	.4	.5	.1	.1							1.0	5.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	44.3	//////
TOTALS	19.3	16.1	13.5	6.1	.7							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: UP2270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(LST): 0600 0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.4	1.9	1.7	.9								10.9	4.5
NNE	5.9	1.9	.6	.4	.2							9.0	3.9
NE	3.7	2.2	.6	1.1								7.6	4.8
ENE	2.7	1.5	.5	.1								4.8	4.1
E	.8	.4	.1									1.3	3.6
ESE	.1											.1	2.0
SE	.1		.1	.2								.5	9.1
SSE		.2	.2	.1								.5	8.0
S	.1	.9	.6	.2								1.8	6.8
SSW	.8	1.5	2.5	1.4								6.2	7.8
SW	.6	2.1	2.7	1.4								6.9	8.0
WSW	.4	.6	.7	.5								2.1	7.4
W	.8	.9	.7									2.5	5.0
WNW	.5	.1	.1									.7	3.5
NW	.7	.5										1.2	3.3
NNW	1.7	.4	.4	.1	.1							2.6	4.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	41.1	//////
TOTALS	25.3	15.2	11.5	6.5	.4							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	1.2	.6	.7	.2	.5						5.3	7.7
NNE	5.6	2.0	.9	.1	.4	.1						9.1	4.4
NE	5.1	2.7	1.5	1.1	.6							11.0	5.6
ENE	2.8	1.4	.2		.1							4.6	3.7
E	2.1	.8	.4									3.3	3.2
ESE	.9	.5										1.4	3.0
SE	.5	.1	.1									.7	4.0
SSE	.4	.2	.2	.2								1.1	6.7
S	.8	1.5	.7	.1	.1							3.3	5.6
SSW	.7	2.1	2.6	1.9	.1							7.4	8.5
SW	1.9	3.5	1.8	3.3	.1							6.6	7.0
WSW	.8	.8	1.3	1.5	.1							4.6	8.6
W	.7	.4	.6	.4								2.0	6.8
WNW		.5	.1	.1	.2							.9	10.0
NW	.1	.1	.5	.5								1.2	9.4
NNW		.4	.4	.2								.9	8.8
VARIABLE			.2									.2	7.0
CALM												36.2	
TOTALS	24.6	16.3	12.2	8.2	2.0	.6						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 76-87
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	.5	1.1	1.8	.4	.5						5.2	10.8
NNE	.8	.9	1.2	.9	.2							4.1	8.0
NE	1.3	1.7	.9	1.4	.5							5.8	8.3
ENE	1.8	1.7	.6	.9	.1							5.[illegible]	6.3
E	1.5	.5	.1									2.1	3.2
ESE	1.5	.7	.1									2.4	3.1
SE	1.1	.1	.2									1.4	3.7
SSE	2.1	.4	.4	.1								3.0	3.6
S	3.4	1.[illegible]	.4	.6								5.9	4.3
SSW	4.0	3.7	3.0	2.1								12.8	6.4
SW	1.9	2.2	3.0	3.0	.1							10.2	8.2
WSW	.8	1.2	1.4	3.2	.7	.5						7.8	11.0
W	.9	.9	.7	1.4	.8	.1						5.0	10.4
WNW	.6	.5		.5	.4							1.9	8.6
NW	.1	.4	.1	.8	.1							1.5	10.9
NNW	.2	.5	.5	.5	.5	.1						2.2	11.1
VARIABLE	.5	.8	.5	.4								2.1	6.7
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	21.6	//////
TOTALS	23.8	18.1	14.1	17.5	3.8	1.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	.8	2.2	2.6	1.2							7.9	10.3
NNE	1.4	.8	1.2	.2								3.7	5.5
NE	1.3	1.4	1.2	1.4								5.3	7.6
ENE	.5	.9	.6	.5	.1							2.6	7.3
E	.5	.6	.1	.1								1.3	4.9
ESE	.5	.4		.1								.9	4.0
SE	.9	.2	.1									1.3	3.3
SSE	.5	.8	1.2	.1								2.6	6.3
S	3.0	1.4	.6	.6								5.6	4.4
SSW	3.9	5.0	2.4	1.4	.4							13.5	6.0
SW	3.4	3.4	3.8	4.7	.5							15.9	8.2
WSW	.8	1.8	2.8	2.5	.5	.1						8.5	9.2
W	1.1	1.5	1.7	1.9	.5	.4		.1				7.1	9.7
WNW	.7	.2	.8	.6	.5	.1						3.0	9.8
NW	.6	.4	.6	.4								1.9	6.6
NNW	.7	1.1	.5	1.2	.2	.2						3.9	9.8
VARIABLE	.4	.7	1.2	.3		.1						2.8	8.5
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.8	//////
TOTALS	21.2	21.5	20.9	18.8	3.8	.9		.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	3.8	3.0	3.7	.5	.1						13.7	8.0
NNE	1.5	.8	1.3	.9								4.5	6.6
NE	.8	.9	.5	.2								2.5	5.6
ENE	.6	.4	.5	.1								1.5	5.8
E	.1	.6										.7	5.0
ESE	.4	.2										.6	3.2
SE	.5	.5	.1									1.1	4.1
SSE	.8	.7	.6	.1								2.2	5.4
S	1.4	1.9	.5	.1	.1							4.0	5.1
SSW	3.0	3.7	1.9	1.1	.2							9.8	5.9
SW	2.1	3.3	4.0	1.7	.4							11.5	7.3
WSW	1.4	1.9	1.3	1.1	.6							6.3	8.0
W	1.8	1.2	1.7	1.3	.5		.1					6.5	8.1
WNW	1.1	1.1	.9	.4	.1							3.5	6.3
NW	.8	.2	.2	.5								1.5	6.1
NNW	2.2	2.2	1.1	.2		.1						5.9	4.9
VARIABLE			.1	.1	.1							.4	14.0
CALM												23.5	
TOTALS	21.3	23.4	17.6	11.3	2.5	.2	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.3	4.3	3.5	1.3	.4							14.8	5.8
NNE	3.5	3.1	1.2	.1								7.9	4.3
NE	3.0	1.4	1.8	.6								6.7	5.4
ENE	1.7	.9	.1									2.7	7.3
E	.2	.2	.1									.6	4.6
ESE	.4	.4										.7	3.3
SE	.2	.4										.6	3.6
SSE	.8	.2		.1								1.2	3.9
S	1.4	1.7	.9	.5								4.5	5.8
SSW	.7	2.7	2.0	1.9								7.3	7.7
SW	1.3	1.7	1.5	1.2	.1							5.9	7.
WSW	.7	1.3	.6	1.3	.2							4.1	8.4
W	.4	.6	2.4	.4		.1						3.9	8.3
WNW	.6	.4	.4	.1								1.4	5.0
NW	.9	.4	.2	.1								1.7	4.0
NNW	.2	.5	.6	.4								2.5	5.4
VARIABLE		.4	.1									.5	6.7
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	33.2	//////
TOTALS	22.3	20.3	15.4	7.9	.7	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
(SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	2.0	2.1	1.7	.3	.1						9.7	6.9
NNE	3.6	2.1	1.0	.4	.1	.0						7.2	4.7
NE	2.7	2.0	1.0	.9	.1							6.7	5.7
ENE	1.6	1.2	.4	.2	.0							3.5	4.8
E	.8	.5	.1	.0								1.4	3.8
ESE	.5	.3	.0	.0								.9	3.2
SE	.4	.2	.1	.0								.8	4.7
SSE	.7	.4	.4	.1								1.6	5.2
S	1.4	1.6	.8	.4	.0							4.2	5.4
SSW	1.9	2.9	2.5	1.4	.1							8.8	6.9
SW	1.6	2.1	2.8	1.9	.2							8.5	7.8
WSW	.7	1.1	1.4	1.4	.4	.1						5.1	9.1
W	.8	.9	1.1	.7	.2	.1	.0	.0				3.9	8.4
WNW	.5	.4	.4	.2	.1	.0						1.6	7.4
NW	.5	.3	.3	.3	.0							1.3	6.5
NNW	1.0	.8	.5	.4	.1	.1						2.9	6.7
VARIABLE	.1	.2	.3	.1	.0	.0						.9	4.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	31.3	//////
TOTALS	22.3	18.8	15.0	10.4	1.8	.4	.0	.0				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.3	3.4	2.3	1.8	.3	.4						14.6	6.2
NNE	4.7	3.4	2.6	.2								11.0	4.7
NE	3.0	2.5	1.0	.5								7.0	4.8
ENE	1.8	.9	.2									2.9	3.4
E	.6	.4	.1									1.2	3.6
ESE	.9	.3										1.2	2.6
SE	.2	.1										.3	3.3
SSE	.4	.8	.2									1.4	4.7
S	1.0	1.8	1.5									4.3	5.5
SSW	.8	1.8	2.8	.6	.1							6.1	7.2
SW	1.5	1.2	1.4	.9								4.9	6.8
WSW	1.0	1.4	.6	.6	.1							3.8	7.0
W	1.1	1.2	1.3	.6								4.2	6.6
WNW	.5	1.2	.4		.1							2.3	5.6
NW	1.0	.5	.4	.2								2.2	5.2
NNW	1.8	1.0										2.8	3.1
VARIABLE		.1										.1	6.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.8	//////
TOTALS	26.7	22.0	14.8	5.6	.6	.4						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OF 56	TOTAL %	MEAN WIND
N	7.0	2.2	1.6	1.1	.5	.1						12.5	5.3
NNE	6.2	2.6	1.6	.3								10.8	4.1
NE	2.9	3.0	1.2	.5								7.6	5.0
ENE	1.5	1.0	.4	.2								3.1	4.8
E	.4	.5	.1									1.1	4.1
ESE	.3	.1										.4	3.8
SE	.2	.1										.3	3.3
SSE	.3	.2	.1									.6	3.8
S	1.1	.9	1.1	.1								3.1	5.6
SSW	1.1	2.6	2.0	.7	.1							6.7	6.8
SW	.9	1.3	2.5	.8								5.4	7.4
WSW	.8	1.0	.5	.6								2.9	6.9
W	.9	1.3	.2	1.1								3.4	7.0
WNW	.4	.2	.5	.4								1.6	7.7
NW	.5	.4	.4									1.4	5.3
NNW	1.4	.9	.3	.2								2.9	4.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	36.2	//////
TOTALS	25.9	16.2	12.7	6.2	.6	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.3	1.7	1.7	1.3	.2							11.[illegible]	4.8
NNE	8.1	3.4	1.5	.1								13.1	3.6
NE	5.4	1.7	1.0	.1								8.3	3.8
ENE	1.8	1.1	.1	.2								3.2	4.1
E	.6	.2										.8	3.5
ESE													
SE	.1	.1										.2	3.0
SSE	.1	.1	.1	.1								.4	7.0
S	.9	1.0	.9									2.7	4.9
SSW	1.2	2.0	2.9	.9								6.[illegible]	6.8
SW	.6	1.7	1.9	.9	.3							5.1	7.6
WSW	1.0	.8	.9	.9	.2							3.7	7.5
W	.5	.3	.6	.8	.3							2.[illegible]	9.3
WNW	.5	.5	.1	.2								1.5	5.9
NW	1.4	.2	.1	.1								1.8	3.6
NNW	2.2	.4	.3	.1	.1							3.[illegible]	4.1
VARIABLE		.1	.1									.2	4.5
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	35.5	//////
TOTALS	30.6	15.[illegible]	12.3	4.9	1.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.5	1.1	1.6	.8	.1						4.9	10.8
NNE	2.0	1.9	1.1	.5								5.6	5.4
NE	4.7	3.0	1.5	1.6	.3							11.2	5.9
ENE	4.4	2.5	1.1	.3	.1							8.4	4.4
E	2.0	1.7		.2								4.0	3.8
ESE	1.2	.2										1.4	2.5
SE	.9			.1								.9	3.8
SSE	.5	.3	.3	.1								1.3	5.3
S	1.8	1.3	1.3	.2	.1							4.7	5.2
SSW	2.2	2.0	3.7	1.2	.2							9.2	7.1
SW	1.4	1.0	2.5	1.9	.1							6.9	8.3
WSW	.3	.7	.8	1.4	.2							3.0	10.6
W	.6	1.2	1.6	1.0	.3	.1						4.8	9.0
WNW	.1	.5	.9									1.5	7.1
NW		.4		.4								.9	9.1
NNW	.1	.3	.4	.3	.3	.1						1.6	11.9
VARIABLE		.1	.6	.1								.9	6.4
CALM												28.8	
TOTALS	23.1	17.4	16.8	11.1	2.5	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	.5	1.7	1.7	1.1	.9						6.9	11.0
NNE	1.1	1.4	1.2	.5	.4							4.6	7.5
NE	1.1	1.3	1.3	1.5	.3							5.5	8.5
ENE	.8	1.0	.4	.8	.1							3.0	7.1
E	.8	.6	.3	.1								1.8	5.1
ESE	1.0	.6	.1	.1								1.8	5.5
SE	.9	.2	.1									1.2	3.1
SSE	1.3	.9										2.2	3.3
S	3.8	2.6	.4	.4								7.2	4.2
SSW	2.9	3.3	3.0	2.0	.1	.1						11.5	7.2
SW	3.8	2.4	2.7	3.0	.4	.1						12.4	7.7
WSW	1.6	1.4	2.2	2.0	.3	.1						7.6	8.8
W	.8	1.1	1.2	.9	.1							4.1	7.6
WNW	.8	.9	.8	.4	.8	.1						3.7	9.6
NW	.3	.2	1.2	.6	.1	.1						2.5	9.9
NNW	.6	1.1	1.0	1.1	1.0	.2						4.9	10.5
VARIABLE	.2	1.4	3.5	1.1								6.2	5.2
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.0	//////
TOTALS	22.8	20.9	21.1	16.3	9.7	1.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.6	2.5	3.4	.9	.2						9.5	10.7
NNE	.4	1.5	1.4	.9	.1	.1						4.4	8.7
NE		.6	1.0	1.1	.1							2.8	9.9
ENE	.1	.4	.5	.3								1.3	8.3
E	.2	.3	.2	.1								.8	6.6
ESE	.6	.2	.1									1.0	5.9
SE	.5	.2	.1									.8	5.4
SSE	.5	.5	.2									1.2	5.8
S	1.5	1.9	.9	.2								4.5	5.5
SSW	2.7	4.1	1.9	1.5	.3							10.5	6.7
SW	2.8	3.9	5.4	3.4	.5	.2						16.2	8.4
WSW	1.3	2.0	3.2	3.2	.3	.2						10.3	9.1
W	1.7	1.4	2.4	2.3	.2	.1						8.1	8.6
WNW	1.1	1.1	1.6	1.5	.8							6.1	9.1
NW	.9	.6	.9	1.1	.2	.2						3.9	9.4
NNW	.5	.9	1.1	2.3	.5	.1						5.4	10.7
VARIABLE	.1	.4	4.1	.6	.1							5.3	8.5
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.1	//////
TOTALS	15.4	21.8	27.6	21.8	4.1	1.2						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	4.0	5.8	4.6	.8							16.9	6.8
NNE	1.1	1.2	1.2	.3	.1							3.9	6.3
NE	.2	1.3	.6	1.4	.1							3.7	9.2
ENE		.2	.2	.3								.8	9.9
E	.4	.2	.1									.8	7.4
ESE	.1	.1										.2	3.0
SE	.1	.2										.3	4.1
SSE	.3	.1	.6	.1								1.2	6.4
S	.9	1.1	.4									2.3	4.7
SSW	1.6	2.7	1.7	1.3	.3	.1						7.7	7.4
SW	2.7	4.7	3.7	2.3	.2							13.5	6.9
WSW	1.7	4.4	3.3	2.0	.2							11.7	7.0
W	1.5	2.8	3.1	1.4	.1							8.9	7.1
WNW	1.4	1.0	1.5	.6	.1							4.6	6.9
NW	1.0	1.0	1.4	1.7	.1	.1						5.3	8.7
NNW	1.2	1.1	1.8	1.0	.2							5.3	7.9
VARIABLE			.6	.1								.8	1.1
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	12.7	//////
TOTALS	15.8	26.0	26.2	17.7	2.3	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.6	7.1	3.9	2.0	.1							17.7	6.0
NNE	2.6	3.7	2.2	.2								8.6	5.2
NE	1.6	1.6	1.1	1.1								5.3	6.3
ENE	.8	.5	.2	.1								1.6	4.7
E	.8	.4										1.2	3.0
ESE	.3	.1	.2									.6	4.5
SE	.4	.4										.9	3.5
SSE	.5	.3	.6									1.5	5.5
S	.8	1.3	.8									2.8	5.2
SSW	1.0	1.1	1.9	.6								4.1	6.8
SW	.9	2.2	2.4	1.4								6.8	7.9
WSW	1.7	2.4	1.5	.6								6.2	6.4
W	1.9	2.0	1.4	1.3	.3							6.9	7.0
WNW	.8	1.1	.5	.1								3.0	5.6
NW	1.1	.8	.9	.1								2.8	5.6
NNW	2.9	1.3	.9	.3	.1							5.5	4.8
VARIABLE				.1								.1	11.0
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	24.4	//////
TOTALS	21.9	27.8	17.7	7.7	.5							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.6	2.6	2.6	2.2	.6	.2						11.7	7.4
NNE	3.3	2.4	1.6	.4	.1	.0						7.7	5.1
NE	2.4	1.9	1.1	1.0	.1							6.4	6.0
ENE	1.4	.9	.4	.3	.0							3.1	5.1
E	.7	.6	.1	.1								1.5	4.0
ESE	.6	.2	.1	.0								.9	3.3
SE	.4	.2	.0	.0								.6	3.4
SSE	.5	.4	.3	.0								1.2	4.7
S	1.4	1.5	.9	.1	.0							4.0	5.0
SSW	1.6	2.5	2.4	1.1	.1	.0						7.8	7.0
SW	1.8	2.3	2.8	1.9	.2	.0						8.9	7.7
WSW	1.1	1.7	1.7	1.4	.2	.0						6.2	7.9
W	1.1	1.4	1.5	1.2	.2	.0						5.4	7.7
WNW	.7	.9	.8	.4	.2	.0						3.0	7.6
NW	.8	.5	.6	.6	.1	.1						2.6	7.5
NNW	1.3	1.0	.7	.7	.3	.1						3.9	7.3
VARIABLE	.0	.3	1.1	.2	.0							1.7	6.4
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	23.5	//////
TOTALS	22.7	21.2	18.7	11.4	2.1	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(LST): 0700-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	3.6	2.4	.8	.2							10.3	5.8
NNE	3.8	5.7	1.6	.9	.1							12.2	5.2
NE	2.9	3.7	1.6	2.0	.2							10.3	6.7
ENE	.7	1.2	.6	.2	.1							2.8	6.1
E	1.0	.7	.1	.1								1.9	4.2
ESE	.6	.1										.7	2.5
SE		.2	.3	.1								.7	8.7
SSE	.6	1.4	.2	.2								2.4	5.2
S	.7	2.0	1.1	1.1								4.9	7.1
SSW		1.0	3.4	.6								5.0	8.1
SW	1.1	1.3	1.3	1.0								4.8	6.8
WSW	.3	.9	2.0	.4								3.7	7.8
W	.8	.9	.9	.3	.2							3.1	7.1
WNW	.6	.2	.7	.1	.1							1.7	7.0
NW	.8	.1	.3									1.2	4.0
NNW	1.6	1.0	.1									2.7	3.5
VARIABLE	.1		.3									.4	6.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	31.2	//////
TOTALS	18.7	24.0	17.2	7.9	1.0							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 092270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.7	2.9	.8	1.2								9.6	4.7
NNE	6.8	4.0	2.0	.6								13.3	4.5
NE	3.2	3.6	2.3	.9	.2							10.2	5.4
ENE	2.0	1.3	.3	.1	.2							4.0	4.7
E	.3	.3	.3									1.0	5.6
ESE	.1	.2										.3	4.
SE	.1	.1	.3	.1								.7	7.0
SSE	.3	.8										1.1	3.8
S	1.1	2.2	2.0	.7								6.0	6.5
SSW	.6	1.3	2.0	.4								4.3	6.9
SW	.6	1.1	2.8	.4								4.9	7.5
WSW	.1	1.1	1.6	.3								3.1	7.0
W	.8	.7	1.7	.3	.1							3.6	7.5
WNW	.2	.3	.3	.4	.1							1.4	8.5
NW	.6	.4	.2	.1								1.3	4.8
NNW	1.4	.6	.1									2.1	3.2
VARIABLE			.1									.1	7.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	32.9	//////
TOTALS	22.9	21.0	16.9	5.7	.7							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.0	2.1	1.0	.9	.1							8.1	5.0
NNE	7.7	4.1	1.3									13.1	3.7
NE	5.3	2.9	1.0	1.0	.1							10.3	4.6
ENE	2.8	1.7	.7	.3								5.4	4.6
E	.3	.2										.6	2.8
ESE	.3	.4										.8	3.6
SE		.1	.4									.6	8.6
SSE	.3	.8	.1									1.2	4.7
S	.9	2.7	1.2	.9								5.7	6.7
SSW	.8	1.7	2.0	.4								4.9	6.5
SW	.8	1.6	2.4	.8								5.6	7.1
WSW	.7	1.6	.8									3.0	5.2
W	.4	.3	.4	.2								1.4	6.3
WNW	.3		.7	.6								1.6	9.0
NW	.7	.1	.2									1.0	4.1
NNW	1.1	.2	.1	.1								1.6	4.1
VARIABLE	.1	.2	.1									.4	5.8
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	34.8	//////
TOTALS	26.6	20.7	12.6	5.2	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	.9	1.4	2.3	.6							6.0	9.8
NNE	2.8	2.0	1.9	.8	.1							7.6	5.9
NE	4.3	2.9	2.1	2.1	.2	.2						11.9	6.7
ENE	3.1	3.8	1.0	1.6								9.4	5.9
E	2.0	1.6	.3	.2								4.1	4.0
ESE	1.3	.6										1.9	2.9
SE	.8	.3	.2	.2								1.6	5.3
SSE	1.4	.3	.1									1.9	2.9
S	1.0	1.2	1.4	.9	.3							4.9	5.0
SSW	1.9	3.3	3.8	.7		.1						9.8	6.5
SW	.4	1.6	3.1	2.1	.2							7.4	9.1
WSW	.8	.8	2.0	1.3	.1							5.0	8.5
W	.3	.7	.3	.8	.1							2.2	8.7
WNW	.3		.2	.3								.9	7.9
NW	.2	.3	.2	.2		.2						1.2	5.9
NNW	.3	.1	.2	.1		.1						.8	7.9
VARIABLE	.2	.4	.4	.2								1.2	6.8
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	22.1	//////
TOTALS	22.1	20.8	18.9	13.4	1.7	.7						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.3	2.0	1.1	1.3	.1						8.3	9.9
NNE	.8	1.8	2.2	1.4								6.2	7.9
NE	1.3	1.4	1.3	1.2	1.1	.1						6.6	9.3
ENE	1.2	1.2	.3	.4	.3							7.6	6.9
E	1.1	1.3		.4								2.9	5.1
ESE	.8	.6	.2									1.6	4.1
SE	.8	.4	.7	.3								2.2	5.9
SSE	1.0	.9	.3	.2								2.4	5.1
S	2.6	2.4	1.0	.9	.4							7.3	6.2
SSW	2.2	3.9	2.9	1.7	.4							11.1	7.1
SW	1.7	2.2	3.4	4.0	.3							11.7	8.9
WSW	1.0	2.0	2.2	2.8	.2	.1						8.3	9.2
W	1.2	1.0	.6	1.2								4.8	6.8
WNW	.2	.9	.3	.6	.4	.1						2.6	9.9
NW	.7	.2	.1	.3								1.3	5.8
NNW	.9	.7	.3				.2					2.1	6.9
VARIABLE		1.5	4.2	1.1	.1							6.8	4.8
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.2	//////
TOTALS	18.9	20.4	22.2	17.9	8.8	.4	.2					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 500

[illegible] CLIMATOLOGY BRANCH
AFCCC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 0P2270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	1.3	1.3	4.6	1.6	1.7							10.4	9.7
[illegible]	.8	.9	1.1	1.1	.2							4.1	8.6
[illegible]	.4	.4	.8	1.4	.6							3.7	11.1
[illegible]	.7	.2	.1	.8	.1							1.9	8.2
[illegible]	1.0	.4	.1									1.6	3.4
[illegible]	.7	.6	.6									1.8	4.9
[illegible]	.7	.3	.4	.2								1.7	5.8
[illegible]	.2	.7	.5	.6								2.3	7.8
[illegible]	1.7	2.1	1.3	1.0	.3							6.4	6.8
[illegible]	2.4	2.2	2.7	1.3	.4	.1						9.2	7.3
[illegible]	1.6	3.0	4.6	2.3	1.0	.4						13.3	9.3
[illegible]	1.1	2.4	3.0	3.2	.7							10.4	9.2
[illegible]	1.2	2.8	1.9	1.6	.1	.2						7.8	7.8
[illegible]	1.4	1.1	1.3	1.1	.1	.2						5.3	8.0
[illegible]	1.2	1.1	.6	.8	.1							3.8	6.6
[illegible]	.7	1.6	.4	.4	.2							7.3	7.1
VARIABLE		1.2	3.9	1.6	.1							6.8	8.9
[illegible]	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.1	//////
TOTALS	17.1	22.4	26.2	19.4	5.7	1.0						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF COMBINED WIND DIRECTION & SPEED, WIND [illegible]
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 0R2270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: [illegible]
MONTH: APR HOURS: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL %	MEAN WIND
N	2.4	2.7	5.1	4.7	1.4	.1						17.1	[illegible]
NNE	.6	1.1	1.6	1.1								[illegible]	[illegible]
NE	.9	.1	1.5	1.3	.3							[illegible]	[illegible]
ENE	.4	.4	.7	.4		.1						[illegible]	[illegible]
E	.2	.3	.2	.1								[illegible]	[illegible]
ESE		.2	.4	.1								[illegible]	[illegible]
SE	.2	1.2	.8	.4								[illegible]	[illegible]
SSE	.8	.8	1.7	.1								[illegible]	[illegible]
S	.9	2.2	1.8	.4								[illegible]	[illegible]
SSW	.9	1.7	1.5	.4	.2	.2						[illegible]	[illegible]
SW	1.9	2.7	2.2	2.[illegible]	.3							[illegible]	[illegible]
WSW	1.8	1.4	1.6	2.6	.3							[illegible]	[illegible]
W	1.7	2.8	3.2	1.7	.2							[illegible]	[illegible]
WNW	.2	1.7	1.5	.2	.3							[illegible]	[illegible]
NW	1.4	.7	.7	.1								[illegible]	[illegible]
NNW	.7	1.4	.7	.1								[illegible]	[illegible]
VARIABLE		.2	.6	.1								[illegible]	[illegible]
C	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	[illegible]	//////
TOTAL %	15.2	23.[illegible]	27.7	18.1	5.1	.4						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
AFCCC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 2[illegible] STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 2100-2300

DIRECTION (TENS OF DEGS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.[illegible]	6.[illegible]	5.[illegible]	2.[illegible]	.2							18.[illegible]	6.[illegible]
NNE	2.[illegible]	2.4	3.1	1.1								8.[illegible]	6.5
NE	.4	1.7	1.0	1.4	.1	.[illegible]						5.[illegible]	8.8
ENE	.9	.4	.6	.4	.2							2.[illegible]	7.2
E	.4	.6	.1	.1								1.2	5.[illegible]
ESE	.4	.4										.7	5.6
SE	.7	.7	.4	.1								2.[illegible]	5.6
SSE	1.[illegible]	.6	.4									2.[illegible]	4.7
S	1.1	1.9	1.7	.4								5.[illegible]	6.7
SSW	.9	1.6	.6	1.[illegible]								6.[illegible]	7.9
SW	.4	1.9	1.1	.9								4.7	6.6
WSW	.4	.7	.6	.7								2.3	6.7
W	1.1	1.[illegible]	1.8	.4								5.[illegible]	7.[illegible]
WNW	.7	.9	.4	.7	.2							2.7	6.3
NW	1.[illegible]	.7	.4									2.[illegible]	5.9
NNW	2.4	2.1	.7	.1								5.[illegible]	5.9
VARIABLE		.1	.1	.7								.8	9.6
CALM	//											24.8	//////
TOTAL	2[illegible].7	3[illegible].8	1[illegible].8	1[illegible].[illegible]	.5	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 8[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	2.8	2.6	1.8	.7	.3						11.7	7.4
NNE	3.2	2.8	1.5	.9	.1							8.8	5.7
NE	2.4	2.1	1.4	1.5	.4	.1						7.9	7.2
ENE	1.7	1.7	.5	.5	.1	.1						5.6	[illegible]
E	.8	.7	.2	.1								1.8	5.5
ESE	.5	.4	.1	.1								1.1	4.1
SE	.4	.4	.3	.2								1.3	7.4
SSE	.8	.8	.3	.1								2.0	7.4
S	1.2	2.1	1.4	.4	.1							5.2	7.5
SSW	1.2	2.1	2.8	.7	.1	.1						7.2	[illegible]
SW	1.0	1.9	2.6	1.4	.2	.1						7.6	8.7
WSW	.8	1.4	1.9	1.4	.2	.1						5.8	8.3
W	.9	1.4	1.3	.4	.1	.0						4.4	7.3
WNW	.6	.6	.7	.5	.1	.1						2.7	7.9
NW	.9	.5	.3	.2	.0	.1						1.9	5.7
NNW	1.2	1.1	.3	.1	.	.1	.1					4.4	[illegible]
VARIABLE	.1	.4	1.2	.5	.							2.2	4.7
CALM	//////////											1.7	//////
TOTALS	20.1	22.7	27.3	12.7	2.2	.5	.0					100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.4	2.6	1.4	.5	.1	.1						10.1	4.6
NNE	4.4	3.9	4.2	1.3		.1						13.2	5.8
NE	2.4	1.7	2.5	1.2								7.8	6.1
ENE	1.2	1.1	.8	.1								3.1	4.8
E	1.5	1.0										2.5	3.2
ESE	.4	.4										.9	3.4
SE	.2	1.1	.2	.1								1.6	5.5
SSE	.5	.6	.5	.4	.1							2.3	7.4
S	1.0	2.3	1.2	.1								4.5	5.7
SSW	1.0	1.8	1.4	.1								4.7	5.8
SW	.3	2.3	1.4	1.0								5.0	7.4
WSW	.6	1.2	.6	.3								2.5	5.8
W	1.4	1.3	.8	.2								3.4	5.0
WNW	.3	.3	.1	.2								1.0	4.2
NW	.9	.4	.2									1.5	3.2
NNW	1.7	.2										1.9	2.4
VARIABLE		.4	.2	.1								.7	6.9
CALM												5.7	
TOTALS	23.3	22.4	15.5	5.7	.2	.2						100.3	5.2

TOTAL NUMBER OF OBSERVATIONS: 2,9

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: [illegible]
MONTH: MAY HOURS: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	[illegible]	[illegible]	[illegible]	[illegible]
5	4.4	[illegible]	[illegible]	[illegible]	[illegible]									
[illegible]	6.1	3.7	[illegible]	[illegible]										
50	3.1	3.0	1.1	[illegible]	[illegible]									
[illegible]	1.9	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]													
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										
[illegible]	[illegible]	1.[illegible]	1.[illegible]											
[illegible]	1.[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]									
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
[illegible]	1.[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]	[illegible]											
[illegible]	[illegible]	[illegible]		[illegible]										
[illegible]	1.[illegible]	[illegible]												
CALM	[illegible]													
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									

TOTAL NUMBER OF OBSERVATIONS: [illegible]

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[illegible]          [illegible] FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
                                            (FROM HOURLY OBSERVATIONS)

          STATION NAME: [illegible]                          PERIOD OF RECORD:    77-86
                                                             MONTH: MAY     HOURS(LST): [illegible]
.........................................................................................................
                                      WIND SPEED IN KNOTS
 [illegible]                                                34-40   41-47   48-55   GE 56   TOTAL    MEAN
                                                                                              %      WIND
.........................................................................................................
 [illegible]                                                                                 [illegible]   8.7
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082273 STATION NAME: TORREJON AB SP/IN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	.9	1.0	1.4	.4	.1						5.1	5.9
NNE	1.6	1.5	.6	.5	.1	.2	.2					4.8	7.5
NE	.9	1.3	1.4	.9								4.4	[illegible]
ENE	.8	1.1	.9	.4								[illegible]	[illegible]
E	.8	1.7	.4									[illegible]	4.7
ESE	.9	.6	.3									1.8	[illegible]
SE	.6	.9	.1									1.7	[illegible]
SSE	1.1	1.2	.1									[illegible]	7.4
S	1.9	2.8	1.2	.5								[illegible]	[illegible]
SSW	1.7	2.7	4.1	1.7								[illegible]	[illegible]
SW	2.0	3.3	6.1	3.2	.1							14.7	[illegible]
WSW	1.3	1.4	3.9	2.7								9.4	[illegible]
W	1.1	2.4	2.0	1.6								7.1	[illegible]
WNW	.4	.4	.8	1.3								[illegible]	[illegible]
NW	.4	.6	.5									[illegible]	[illegible]
NNW	1.2	.5	.8	.7								[illegible]	[illegible]
VARIABLE	.2	2.9	7.8	1.7	.7							13.3	[illegible]
CALM	//////////											[illegible]	//////
TOTALS	18.6	26.3	32.0	16.0	1.2	.3	.2					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	1.7	2.6	1.6	.4	.2						7.2	9.1
NNE	.4	.6	1.7	.8	.3	.1						4.5	9.4
NE	.3	.9	1.1	.6	.2							3.1	8.3
ENE	.5	1.5	.3	.4								2.8	6.0
E	.5	1.5	.2									2.2	4.5
ESE	.5	.8	.2									1.5	4.1
SE	.4	.3	.5	.1								1.4	6.1
SSE	.8	.4	.3	.4								1.9	5.6
S	1.2	1.9	1.9	.2								5.3	6.2
SSW	1.5	2.9	4.1	1.1	.1							9.6	6.9
SW	1.0	2.5	6.6	3.1	.2	.1						13.2	8.7
WSW	1.1	2.6	5.1	5.4	.5							14.5	9.4
W	.9	1.8	2.0	1.7	.1							6.6	8.1
WNW	.4	1.0	2.0	1.1	.3							4.9	9.6
NW	.4	.6	.5	.4								2.2	6.9
NNW	.3	.6	.9	.3								3.1	7.2
VRBLE		1.2	3.8	3.4	.2							12.7	9.8
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.8	//////
TOTAL	11.5	25.3	37.4	21.1	2.6	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	2.9	5.3	2.6	.2							12.9	7.9
NNE	.9	2.3	2.0	.5	.5							6.2	7.8
NE	.3	.9	1.3	1.0	.1							3.5	8.7
ENE	.3	.3	.5	.4								1.6	7.8
E	.3	.1	.5									1.0	6.0
ESE	.8	.4	.3									1.5	4.1
SE	.4	.9	.3	.2								1.8	6.1
SSE	1.1	.9	.9	.4								3.2	6.1
S	.6	1.6	1.4	.3								4.0	6.3
SSW	1.4	1.6	1.3	.5								4.8	6.0
SW	.8	3.4	3.3	2.2	.2							9.9	8.2
WSW	2.0	3.4	5.7	4.1	.2							15.5	8.2
W	1.4	3.5	2.9	.8		.1						8.7	6.5
WNW	.5	1.9	2.9	.9	.1							6.3	7.6
NW	.9	.9	1.7	.5	.1							4.1	7.5
NNW	.5	.9	1.0	.3								2.7	6.7
VARIABLE	.1		2.4	1.[illegible]								3.4	9.4
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.7	//////
TOTALS	14.3	25.9	33.8	15.7	1.5	.1						1[illegible].0	6.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 21:00-23:00

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.2	4.9	3.1	.1								13.3	4.7
NNE	2.6	3.9	2.4	1.0	.1	.1						1[illegible]	[illegible]
NE	1.8	2.2	2.2	1.3	.1							7.5	[illegible]
ENE	.5	1.1	.4	.3								2.4	[illegible]
E	.6	1.2										1.8	[illegible]
ESE	.5	.2	.2	.1								1.1	[illegible]
SE	.4	.3	.3									1.1	[illegible]
SSE	.4	.5	.2	.9								[illegible]	[illegible]
S	.5	2.0	1.6	.2	.1							4.5	[illegible]
SSW	.5	1.7	1.4	.1								[illegible]	[illegible]
SW	1.6	2.6	1.4	.6								[illegible]	[illegible]
WSW	1.3	2.4	2.3	.8								[illegible]	[illegible]
W	3.0	2.9	.5	.1								[illegible]	[illegible]
WNW	1.5	1.1	.6	.7								[illegible]	[illegible]
NW	1.1	.5	.4	.1								.7	[illegible]
NNW	1.6	[illegible]	.7	.1								.7	[illegible]
VARIABLE			.2									.2	[illegible]
CALM												[illegible]	
TOTALS	[illegible]	29.6	17.8	[illegible]	.3	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OVER 55	TOTAL %	MEAN WIND
N	3.0	2.2	2.0	1.0	.3	.1						[illegible]	[illegible]
NNE	3.1	2.3	2.0	.7	.1	.1	.0					[illegible]	[illegible]
NE	2.3	1.5	1.6	.9	.1							[illegible]	[illegible]
ENE	1.5	1.5	.7	.4								[illegible]	[illegible]
E	1.2	1.1	.3	.								[illegible]	[illegible]
ESE	.8	.4	.1	.								[illegible]	[illegible]
SE	.5	.3	.2	.1								[illegible]	[illegible]
SSE	.8	.6	.3	.1	.0							[illegible]	[illegible]
S	1.2	[illegible]	1.2	.	.1							[illegible]	[illegible]
SSW	1.9	[illegible]	2.5	.7	.1							[illegible]	[illegible]
SW	1.1	[illegible]	[illegible]	1.1	.1	.0						[illegible]	[illegible]
WSW	1.1	1.1	2.7	1.9	.1							[illegible]	[illegible]
W	1.1	1.7	1.3	.1	.	.1						[illegible]	[illegible]
WNW	.1	.7	1.0	.1	.1							[illegible]	[illegible]
NW	.1	.1	.1	.	.							[illegible]	[illegible]
NNW	1.0	.	.1	.								[illegible]	[illegible]
VARIABLE	.0	.1	.1	.	.1							[illegible]	[illegible]
CALM	[illegible]											[illegible]	
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.					[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0000-0200

DIRECTION (DEG-TRUE)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	[illegible]	[illegible]	[illegible]									7.9	3.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								19.2	5.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								15.3	5.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	4.2
[illegible]	[illegible]	[illegible]										1.6	2.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								1.0	4.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								1.2	5.7
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	6.8
	[illegible]	[illegible]	[illegible]	[illegible]								2.9	5.7
[illegible]	[illegible]	[illegible]	[illegible]									2.9	4.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	4.4
[illegible]	[illegible]	[illegible]		[illegible]								2.7	4.7
[illegible]	[illegible]	[illegible]	[illegible]									2.1	4.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								1.1	5.1
[illegible]	[illegible]	[illegible]										[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	3.4
[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
[illegible]	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	31.8	//////
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							100.0	3.4

[illegible] OBSERVATIONS [illegible]

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                    FREQUENCY OF SURFACE WIND DIRECTION VERSUS WIND SPEED
                    (FROM HOURLY OBSERVATIONS)

          STATION NAME                              PERIOD OF RECORD
                                                    MONTH

                        WIND SPEED IN KNOTS
                       17-21                                       TOTAL     MEAN
                                                                     %

         .1   1.?   .?
                .1

         .1                .1                  .1
         .2     .2    .2   .2    .1
                      .3
                1.1   .8
                .8    .3   .1
                .1    .2   .1
         .4     .2    .3   .1                                       1.4
                      .2   .1                                        .7
                .1
                                                                    1.7

 //////////////////////////////////////////////////////////////   41.4   //////
        14.7   4.2   2.1   .2                                      100.0

       OBSERVATIONS
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.4	.9	.1								2.3	5.8
NNE	2.0	.7	.9	.3								3.9	5.1
NE	2.6	1.4	2.3	1.6	.2							8.1	7.2
ENE	3.8	5.4	1.9	1.2								12.3	5.5
E	4.7	3.1	.7	.2								8.7	3.8
ESE	2.6	.3	.2									3.1	2.9
SE	2.3	1.1	.1									3.5	3.1
SSE	2.9	.7	.2	.1								3.9	3.3
S	5.6	2.0	.7	.1								8.3	3.4
SSW	3.6	3.1	1.7	.6								8.9	5.1
SW	1.3	2.2	2.4	.4								6.3	6.3
WSW	.8	1.1	1.8	.9								4.7	7.5
W	.1	.4	.3	.7								1.6	8.5
WNW	.1	.2	.2	.2		.1						.9	10.3
NW	.2	.1	.1									.4	4.2
NNW	.1											.1	3.0
VARIABLE	.2	1.7	3.1	.9								5.9	7.8
CALM												16.8	//////
TOTALS	37.8	24.1	17.3	7.7	.2	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.[illegible]	.7	1.2	.2								[illegible]	[illegible]
NNE	.4	.9	.6	.1								[illegible]	[illegible]
NE	1.0	.6	1.0	.1								[illegible]	[illegible]
ENE	1.1	1.2	1.4	.3								[illegible]	[illegible]
E	.8	1.0	.6									[illegible]	[illegible]
ESE	2.2	1.3										[illegible]	[illegible]
SE	1.6	.7	.3									[illegible]	[illegible]
SSE	2.6	1.8	.3									[illegible]	[illegible]
S	3.1	[illegible]	1.2	.3								[illegible]	[illegible]
SSW	3.3	4.4	3.1	.4								[illegible]	[illegible]
SW	1.7	3.9	3.0	2.2	.2							[illegible]	[illegible]
WSW	1.4	2.3	2.[illegible]	1.9	.1							[illegible]	[illegible]
W	1.0	2.8	1.7	.7								[illegible]	[illegible]
WNW	.6	.6	.6	.2								[illegible]	[illegible]
NW	.3	.1	.7	.2								[illegible]	[illegible]
NNW	.6	.4	.3	.1								[illegible]	[illegible]
VARIABLE	.7	4.[illegible]	10.2	[illegible]								[illegible]	[illegible]
CALM	//////////											[illegible]	//////
TOTALS	23.6	31.6	28.8	[illegible]	.5							100.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

USAF AL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
SCATLAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN — PERIOD OF RECORD: [illegible] YRS
MONTHS: JUN — HOURS(LST): [illegible]

DIRECTION (DEG-TST)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL %	MEAN WIND
N	.5	1.0	1.9	1.7								[illegible]	[illegible]
NNE	1.1	1.[illegible]	.8	.9								[illegible]	[illegible]
NE	.8	.9	.6	.7								[illegible]	.7
ENE	.7	.4	.9									[illegible]	[illegible]
E	.6	1.7	1.2	.1								[illegible]	[illegible]
ESE	.9	.7	.1									[illegible]	[illegible]
SE	1.[illegible]	.7	.1	.1								[illegible]	[illegible]
SSE	1.2	1.6	.7	[illegible]	.1							[illegible]	[illegible]
S	1.6	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	1.8	2.8	2.1	.9								[illegible]	[illegible]
SW	1.5	7.0	9.7	1.[illegible]								[illegible]	[illegible]
WSW	1.[illegible]	1.5	5.1	5.[illegible]	.9							[illegible]	[illegible]
W	1.[illegible]	3.[illegible]	5.8	1.[illegible]								[illegible]	[illegible]
WNW	.9	[illegible]	1.2	1.[illegible]								[illegible]	[illegible]
NW	1.[illegible]	1.[illegible]	.8	[illegible]								[illegible]	[illegible]
NNW	.6	.8	.9	.1								[illegible]	[illegible]
VARIABLE	.1	3.9	12.3	9.[illegible]	.1							[illegible]	[illegible]
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	[illegible]	//////
TOTAL	16.1	26.1	50.7	16.[illegible]	.7							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

[illegible] CLIMATOLOGY BRANCH [illegible]
[illegible]
AIR WEATHER SERVICE/MAC

STATION NUMBER [illegible] STATION NAME [illegible]

WIND SPEED IN KNOTS

DIRECTION (DEG)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]	[illegible]									
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]	[illegible]									
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARIABLE		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
CALM	//										[illegible]	[illegible]
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

TOTAL NUMBER OF OBSERVATIONS

[illegible] SURFACE WIND DIRECTION VERSUS WIND [illegible]
(FROM HOURLY OBSERVATIONS)

[illegible]

PERIOD OF RECORD: [illegible]
MONTH: JUN HOURS(LST): ALL

WIND SPEED IN KNOTS

[illegible]	[illegible]	TOTAL %	MEAN WIND
[illegible]	[illegible]	[illegible]	[illegible]
VARIABLE	[illegible]	[illegible]	[illegible]
CALM	//////////////////////////////////////	[illegible]	//////
TOTAL	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GEO AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77 86
MONTH: JUL HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.8	1.8	.9	.9	.1	.1						9.1	[illegible]
NNE	5.6	6.6	2.9	.9	.1							16.[illegible]	[illegible]
NE	4.1	4.7	3.9	[illegible].9	.1							13.9	[illegible]
ENE	1.6	2.3	1.[illegible]	.3								[illegible]	[illegible]
E	.6	.9										[illegible]	[illegible]
ESE	.3	.5	[illegible]									1.1	[illegible]
SE	.2	.4	.3	.1								1.[illegible]	[illegible]
SSE	.3	.8	.6	.1								1.[illegible]	[illegible]
S	.8	1.7	.3									2.8	[illegible]
SSW	.6	.8	.5									1.9	[illegible]
SW	.6	.5	.2									1.3	[illegible]
WSW	.5	.8	.4									1.7	[illegible]
W	.8	.7	.1									1.[illegible]	[illegible]
WNW	.6	.2	.3	.1								1.[illegible]	[illegible]
NW	1.0	.4										1.4	[illegible]
NNW	1.7	1.0	.2									2.[illegible]	[illegible]
VARIABLE			.7									.7	[illegible]
CALM	//////////											33.7	//////
TOTALS	25.5	23.7	12.[illegible]	9.3	.3	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 9[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-96
MONTH: JUL HOURS(LST): 0600-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.2	1.4	.5									8.1	3.7
NNE	10.1	4.9	1.5	.6	.2	.1						17.5	4.1
NE	6.9	3.1	2.0	.6								12.7	4.1
ENE	3.5	1.4	.6	.3								5.8	4.1
E	1.1	.6	.1									1.8	3.2
ESE	.6	.2										.8	3.2
SE	.3	.2										.5	3.4
SSE	.4	.5										1.1	3.7
S	1.1	1.3	.2									2.6	4.2
SSW	.6	1.0	.9	.2								2.7	5.7
SW	.2	1.0										1.1	4.5
WSW	.3	.4	.1									.8	4.1
W	.1											.1	2.0
WNW	.2		.2									.4	5.5
NW	.4											.4	1.5
NNW	1.2	.2										1.4	2.4
VARIABLE													
CALM												42.2	
TOTALS	33.1	16.7	6.2	1.4	.2	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	.6	.3	.1								[illegible]	[illegible]
NNE	7.3	2.6	1.5	.3		.1						[illegible]	[illegible]
NE	9.8	3.5	1.9	1.[illegible]	.1	.1						[illegible]	[illegible]
ENE	8.2	3.3	1.5	.4	.1							[illegible]	[illegible]
E	2.3	.2										[illegible]	[illegible]
ESE	.5	.1	.1									[illegible]	[illegible]
SE	.2											[illegible]	[illegible]
SSE	.1	.[illegible]										[illegible]	[illegible]
S	.6	1.0	.4									[illegible]	[illegible]
SSW	.4	1.6	.8	.3								[illegible]	[illegible]
SW	.4	.9	.8									[illegible]	[illegible]
WSW	.1	.1										[illegible]	[illegible]
W	.5											[illegible]	[illegible]
WNW	.1	.1										[illegible]	[illegible]
NW	.1			.1								[illegible]	[illegible]
NNW	.5	.1										[illegible]	[illegible]
VARIABLE	.2											.2	[illegible]
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	[illegible]	//////
TOTAL	39.4	14.9	7.3	2.7	.2	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

[illegible] CLIMATOLOGY BRANCH [illegible]

[illegible]

STATION [illegible]

STATE NUMBER [illegible] STATE NAME [illegible]

DIRECTION (DEGREES)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
[illegible]	[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]								
[illegible]	[illegible]	[illegible]								
[illegible]		[illegible]	[illegible]							
[illegible]		[illegible]								
VARIABLE	[illegible]	[illegible]	[illegible]							
ACM										
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					

TOTAL NUMBER OF OBSERVATIONS: [illegible]

[illegible] FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible]

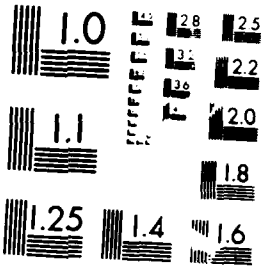
[illegible] PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1500-17[illegible]

	WIND SPEED IN KNOTS												
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]								3.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								1.8	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							2.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								2.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								2.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								1.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible].2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								2.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								8.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								12.[illegible]	7.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							12.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								11.1	7.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								7.7	7.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								2.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								1.3	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						1.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	6.[illegible]								22.7	6.4
[illegible]	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.1	//////
[illegible]	11.2	[illegible]	[illegible]	1[illegible].1	[illegible]	[illegible]						100.0	7.1

[illegible] NUMBER OF OBSERVATIONS: [illegible]

AD-A186 769 TORREJON AB SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 13 AUG 87 2/3

UNCLASSIFIED USAFETAC/DS-87/053 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	1.1	1.9	3.0	.1							6.3	10.0
NNE	.1	.5	.8	.4								1.8	8.5
NE	.6	.6	.9	.9	.1							3.1	8.1
ENE	.5	.8	1.6	.6								3.5	7.6
E	.2	.8	.5	.3								1.9	6.8
ESE	.3	.4	.1									.9	4.8
SE	.4	.9	.3									1.6	4.5
SSE	.3	1.1	.8									2.2	5.7
S	1.8	2.5	1.2	.2								5.7	5.0
SSW	2.2	4.3	2.6	.3								9.4	5.5
SW	2.0	4.4	4.6	2.4	.1							13.5	7.3
WSW	2.5	5.9	5.8	1.5	.1							15.8	6.7
W	2.2	4.5	3.7	1.1		.1						11.5	6.7
WNW	1.1	2.2	1.7	.1								5.1	5.6
NW	.6	.5	.3									1.5	4.6
NNW	.4	1.1	1.1	.3								2.9	6.9
VARIABLE	.2	1.2	4.2	1.3								6.9	8.5
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.5	//////
TOTALS	15.8	32.7	32.0	12.5	.4	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.6	3.7	3.0	1.2								11.4	5.7
NNE	3.2	3.6	1.9	.8	.2							9.7	5.5
NE	2.6	3.4	2.6	1.7								10.3	6.5
ENE	.8	.6	.3	.4								2.2	6.4
E	1.2	.6	.2									2.0	3.4
ESE	.4	.4										.9	3.4
SE	.2	.3	.3	.1								1.0	6.2
SSE	.5	.4	1.3		.1							2.4	6.8
S	.8	.9	.3		.1							2.0	5.1
SSW	.9	1.1	.4									2.4	4.3
SW	1.9	1.5	.3									3.8	3.7
WSW	2.0	1.8	.8									4.6	4.3
W	4.4	5.5	1.0	.2								11.1	4.2
WNW	3.4	.6	.5									4.6	3.2
NW	2.4	.9	.2									3.4	3.1
NNW	2.9	1.9	.1									5.0	3.3
VARIABLE			.2	.3								.5	11.8
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	22.7	//////
TOTALS	31.2	27.3	13.6	4.7	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.6	1.3	1.1	1.0	.0	.0						6.1	5.8
NNE	3.6	2.6	1.3	.5	.1	.0						8.1	5.0
NE	3.5	2.3	2.2	1.2	.1	.0						9.2	5.9
ENE	2.5	1.6	1.2	.5	.0							5.9	5.3
E	1.5	1.0	.3	.1								2.8	3.9
ESE	1.1	.5	.1	.0								1.8	3.4
SE	.9	.5	.2	.1								1.7	4.3
SSE	.9	.7	.4	.0	.0							2.1	4.6
S	2.0	2.3	.9	.1	.0							5.4	4.8
SSW	1.7	2.8	2.1	.5								7.1	5.9
SW	1.2	2.3	2.1	.9	.0							6.5	6.7
WSW	1.0	2.2	1.7	.6	.0							5.5	6.5
W	1.3	2.0	1.2	.5		.0						5.0	5.9
WNW	1.0	.6	.5	.0								2.1	4.5
NW	.7	.3	.1	.0								1.2	4.0
NNW	.9	.6	.2	.1		.0						2.0	4.4
VARIABLE	.1	1.1	3.9	.8								5.9	8.3
CALM	////	////	////	////	////	////	////	////	////	////	////	21.5	//////
TOTALS	26.5	24.9	19.5	7.1	.3	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.8	1.9	1.4	.3	.2							9.7	4.2
NNE	6.9	7.6	5.7	1.6	.1							21.9	5.6
NE	4.8	4.9	3.0	1.6	.1							14.5	5.6
ENE	2.2	1.8	.6	.1								4.7	4.2
E	1.0	.8	.1									1.8	3.6
ESE	.2	.6										.9	4.1
SE	.2	.4	.1									.8	4.0
SSE	1.2	.4	.4	.1								2.2	4.5
S	.6	1.3	.3	.1								2.4	5.1
SSW	1.5	1.5	.4									3.4	4.2
SW	1.0	.4	.1									1.5	3.6
WSW	.4	.2	.1									.8	3.6
W	.5	.9										1.4	3.4
WNW	.9	.1	.1									1.1	3.0
NW	1.0	.2										1.2	2.6
NNW	1.6	.2										1.8	2.2
VARIABLE													
CALM												30.0	//////
TOTALS	29.8	23.4	12.5	3.9	.4							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLO AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.2	1.2	.3	.4	.1							8.3	3.5
NNE	8.5	4.5	3.6	.6								17.2	4.6
NE	8.9	5.3	1.3	.5	.1							16.1	4.1
ENE	2.3	3.1	.5	.2								6.1	4.4
E	1.7	1.1										2.8	3.1
ESE		.1	.2									.3	7.3
SE	.9		.1									1.0	2.7
SSE	.1		.1									.2	4.0
S	.5	1.5	.2									2.3	4.4
SSW	1.2	1.2	.6									3.0	4.4
SW	.2	.6										.9	3.5
WSW	.4	.4		.1								1.0	4.1
W	.3	.1	.1									.5	4.0
WNW	.4	.2	.1									.8	3.6
NW	.2	.1										.3	3.3
NNW	1.5	.4	.1	.1								2.2	3.3
VARIABLE			.1									.1	7.0
CALM												36.9	
TOTALS	33.5	19.9	7.4	2.0	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.9	.8	.8	.6								7.2	4.1
NNE	10.8	4.3	2.5	.3								17.8	3.9
NE	13.4	5.2	2.8	.8								22.2	3.9
ENE	5.3	3.3	.3	.2								9.1	3.4
E	1.6	.8	.1									2.5	3.2
ESE	.3											.3	2.0
SE	.1											.1	2.0
SSE	.1	.2	.1									.4	4.8
S	.9	.6	.1									1.6	3.9
SSW	.5	.6	.5									1.7	5.4
SW	.5	.6	.5									1.7	5.2
WSW													
W	.2											.2	2.0
WNW													
NW	.1			.1								.2	7.0
NNW	.2	.1	.1									.4	4.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	34.4	//////
TOTALS	39.0	16.6	7.8	2.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.3	.8	.4	.1							2.3	7.9
NNE	2.6	1.3	1.0	.9	.1							5.8	5.9
NE	5.5	2.7	4.2	2.2								14.5	6.2
ENE	4.5	3.8	2.5	.2								11.0	4.6
E	5.8	3.1	.4									9.4	3.1
ESE	3.7	1.0										4.6	2.6
SE	3.7	.1										3.8	2.1
SSE	3.1	1.2										4.3	2.7
S	4.7	1.9	.5	.1								7.3	3.4
SSW	3.8	3.0	2.0	.1								8.9	4.5
SW	1.1	1.2	.9	.4								3.5	6.0
WSW	.6	.1	1.0									1.7	5.6
W	.9	.1	.1	.1								1.2	3.8
WNW	.1											.1	3.0
NW	.1			.1								.2	9.0
NNW	.5	.2		.1								.9	3.8
VARIABLE		.5	2.6	.1	.1							3.3	8.1
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	17.2	//////
TOTALS	41.1	20.5	15.9	4.7	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	1.2	1.1	.4								4.0	5.8
NNE	.9	1.2	1.4	.5	.2							4.2	7.2
NE	1.3	.8	1.5	.6								4.2	7.2
ENE	.9	1.4	.8	.2								3.2	5.7
E	2.7	2.0		.1								4.8	3.5
ESE	2.2	1.4										3.6	3.3
SE	2.2	1.2		.1								3.4	3.6
SSE	3.0	1.3	.2	.1								4.6	3.4
S	3.6	5.1	1.1	.3								10.0	4.5
SSW	2.9	5.9	3.6	.5								12.9	5.6
SW	1.3	4.1	2.6	1.3								9.5	6.7
WSW	1.1	2.9	1.8	.5								6.4	6.4
W	1.4	2.0	1.0	.4								4.8	5.6
WNW	1.1	.9	.1									2.0	3.4
NW	.2	.4	.4									1.1	5.9
NNW	.9	.2	.1	.1								1.3	3.8
VARIABLE	.2	2.6	8.5	2.0		.1						13.5	8.4
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.5	//////
TOTALS	26.9	34.6	24.3	7.4	.2	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	1.1	1.3	1.4								5.2	7.3
NNE	.4	1.7	1.1	.3		.1						3.7	6.9
NE	.5	1.2	1.2	.3	.2							3.4	7.5
ENE	.4	.3	.5		.1							1.4	6.4
E	1.5	1.4	.1									3.0	3.7
ESE	.4	1.0										1.4	3.5
SE	.3	1.3										1.6	4.1
SSE	1.6	1.3	.1	.1								3.1	4.0
S	1.9	4.4	1.4	.2								8.0	5.1
SSW	1.1	5.5	3.0	.6								10.2	6.2
SW	1.1	4.1	4.3	2.4	.2							12.0	8.0
WSW	1.2	4.3	3.8	1.6								10.9	7.2
W	1.5	3.8	2.6	1.0								8.8	6.3
WNW	.6	1.0	.2	.9								2.7	7.7
NW	.8	1.0	.1	.3								2.2	5.6
NNW	.2	.6	.3	.2								1.4	6.4
VARIABLE	.1	2.8	9.8	2.6								15.3	8.6
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.8	//////
TOTALS	15.2	36.7	29.8	11.7	.5	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.4	3.8	2.3	.3							8.6	9.2
NNE	.3	1.4	1.1	.6								3.4	7.0
NE	.6	.9	2.2	.8	.3							4.7	8.8
ENE	.4	.6	1.1	.4								2.7	6.9
E	.3	.3	.4	.1								1.2	6.0
ESE	.4	.1	.2									.8	3.9
SE	.3	.1	.4									.9	6.3
SSE	.5	.9	.6	.2								2.3	5.8
S	2.3	2.8	1.0	.1								6.1	4.8
SSW	1.9	4.3	2.5	.3								9.0	5.5
SW	2.6	4.2	4.4	1.0								12.2	6.2
WSW	2.7	4.9	4.9	2.2		.1						14.8	7.0
W	2.8	4.1	3.4	.4								10.8	5.8
WNW	1.1	1.6	1.2	.5								4.4	6.5
NW	.9	.9	1.0	.2								2.9	5.8
NNW	.9	.4	.9	.8								2.9	7.2
VARIABLE		.6	2.4	.6	.1							3.8	9.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.6	//////
TOTALS	18.9	29.7	31.4	10.5	.8	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 092270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: [illegible]
MONTH: AUG HOURS: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL 1	MEAN [illegible]
N	5.6	4.7	2.8	1.4	.2							[illegible]	[illegible]
NNE	3.3	5.3	3.8	1.1	.1	.1						[illegible]	[illegible]
NE	1.5	2.4	2.7	1.4								[illegible]	[illegible]
ENE	.5	1.1	.5	.1	.1							[illegible]	[illegible]
E	.4	.3	.1									[illegible]	[illegible]
ESE	.5	.1	.1									[illegible]	[illegible]
SE	.3	.7	.4	.2								[illegible]	[illegible]
SSE	.5	.6	.6	.2								[illegible]	[illegible]
S	1.1	.5	.2									[illegible]	[illegible]
SSW	1.2	.9	.4									[illegible]	[illegible]
SW	1.3	1.3	.3	.1								[illegible]	[illegible]
WSW	2.6	1.8	1.3	.3								[illegible]	[illegible]
W	3.7	2.8	1.3									[illegible]	[illegible]
WNW	2.9	.5	.1									[illegible]	[illegible]
NW	2.0	.6	.4									[illegible]	[illegible]
NNW	2.2	2.2	.2	.1								[illegible]	[illegible]
VARIABLE			.1									.1	[illegible]
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	[illegible]	//////
TOTALS	29.7	24.8	15.5	4.9	.4	.1						[illegible]	3.4

TOTAL NUMBER OF OBSERVATIONS: 930

[illegible] BRANCH [illegible] FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible]

STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

WIND SPEED IN KNOTS

[illegible]	[illegible]	4-6	[illegible]	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1							7.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						11.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1							11.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]									1.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								1.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	.1								[illegible]	4.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	4.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							5.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						5.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.1	[illegible]								4.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								1.8	4.5
[illegible]	[illegible]	[illegible]	[illegible]	.1								1.4	4.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								1.9	[illegible]
VARIABLE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						4.5	6.5
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.5	//////
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	.4	.1						100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 092270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.0	3.1	.8	.4								10.3	4.0
NNE	8.3	5.2	2.0	.4								16.0	4.0
NE	5.6	4.7	2.0	.6								12.8	4.6
ENE	2.6	4.1	.6									7.2	4.0
E	1.9	.7	.7									3.2	3.7
ESE	.9	.6										1.4	3.3
SE	.8	.6		.1								1.4	4.0
SSE	.9	.6	.2	.2								1.9	5.4
S	.9	2.0	.6	.1								3.6	5.0
SSW	.9	1.0	.4	.1								2.4	5.0
SW	.4	.4	.4									1.3	4.9
WSW	.3	.3										.7	3.3
W	.7	.2	.3									1.2	4.5
WNW	.3	.1	.1	.2								.8	6.4
NW	.4	.4										.9	3.4
NNW	1.9	.7	.1	.1	.2							3.0	4.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	31.8	//////
TOTALS	32.8	24.7	8.2	2.3	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	8.0	2.1	.1	.2								10.4	2.9
NNE	10.3	3.9	.7	.1								15.0	3.1
NE	9.3	3.3	1.3	.2								14.2	3.7
ENE	2.3	2.1	.1	.4								5.0	4.2
E	1.7	.4										2.1	2.6
ESE	.4	.2										.7	3.2
SE		.1										.1	5.0
SSE	.2	.1	.2									.6	4.6
S	.6	.8	.2	.1								1.7	4.8
SSW	1.1	.8	.9	.1								2.9	5.5
SW	1.0	.7	.3									2.0	3.9
WSW	.4	.3	.1									.9	3.9
W	.3	.2	.2									.8	4.9
WNW	.2	.1										.3	2.7
NW	.7	.1		.1								.9	3.8
NNW	1.9	.9		.1								2.9	3.3
VARIABLE				.1								.1	16.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	39.4	//////
TOTALS	38.6	16.2	4.2	1.6								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.9	1.9	.1									7.9	2.9
NNE	14.7	3.6	.9									19.1	3.0
NE	12.9	4.0	1.2									18.1	3.1
ENE	5.4	2.3	.2	.2								8.2	3.3
E	1.6	.3										1.9	2.5
ESE													
SE	.1	.1										.2	3.0
SSE	.2	.2										.4	3.8
S	.4	.6	.2									1.2	4.5
SSW	.8	.3	.7	.2								2.0	5.8
SW	.4	.4	.2	.1								1.2	5.4
WSW	.2	.3	.1									.7	4.3
W		.1	.2									.3	7.0
WNW	.1		.1									.2	4.5
NW	.8											.8	2.6
NNW	.7	.1	.1	.2								1.1	5.1
VARIABLE			.1									.1	9.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	36.4	//////
TOTALS	44.2	14.3	4.2	.6								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	.4	.4	.2	.1	.2						2.6	7.1
NNE	3.6	1.1	.4	.2								5.3	3.6
NE	7.8	2.3	3.9	1.0								15.0	5.1
ENE	8.1	4.0	1.7	.4								14.2	4.0
E	8.3	2.7										11.0	2.7
ESE	4.7	.3										5.0	2.2
SE	2.8	.1										2.9	2.1
SSE	1.9	.4										2.3	2.5
S	3.3	.9	.6	.3								5.1	4.2
SSW	1.6	2.9	1.0									5.4	4.9
SW	.6	1.7	.4	.3								3.0	5.8
WSW	.4	.7	.4									1.6	5.1
W	.3	.4	.2	.2								1.2	6.1
WNW	.2	.2										.4	3.5
NW	.7											.7	2.0
NNW	.2											.2	2.5
VARIABLE	.2	.1	.9	.2								1.4	7.5
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	22.6	//////
TOTALS	45.8	18.3	10.0	3.0	.1	.2						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.1	1.2	.4	.3	.1						3.9	8.5
NNE	1.4	1.4	1.0	.3								4.2	5.6
NE	1.0	1.0	1.2	.2								3.4	6.0
ENE	1.3	1.6	1.0	.1								4.0	5.2
E	3.1	1.4	.3									4.9	3.3
ESE	2.7	1.3										4.0	2.9
SE	2.2	.7	.1									3.0	2.7
SSE	3.4	1.3	.7	.1								5.6	3.9
S	6.6	4.9	1.2	.1	.1							12.9	3.9
SSW	5.3	5.2	2.6	.4	.2							13.8	5.0
SW	4.1	3.8	2.0	.9	.2							11.0	5.5
WSW	1.8	2.1	1.6	.3								5.8	5.4
W	.8	.9	.9	.9								3.4	7.5
WNW	.3	.2	.2	.2								1.0	6.9
NW		.4	.2									.7	6.2
NNW	.7	.2			.1	.1						1.1	6.6
VARIABLE	.9	1.6	4.0	.7								7.1	7.3
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.2	//////
TOTALS	36.3	29.2	18.2	4.8	1.0	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.9	1.4	1.2								5.4	7.5
NNE	.3	1.3	.3	.4								2.4	6.7
NE	.6	.9	.9	.3								2.7	6.8
ENE	.9	.8	.4	.1								2.2	5.2
E	.9	1.2	.1									2.2	3.8
ESE	1.1	1.2										2.3	3.6
SE	.9	.9	.2									2.0	4.2
SSE	2.6	2.1	.2	.2								5.1	3.9
S	3.4	3.4	1.2	.3								8.4	4.6
SSW	2.2	5.2	4.6	.4								12.4	5.9
SW	2.6	5.1	4.7	1.0	.1							13.4	6.3
WSW	2.4	4.1	3.7	1.3								11.6	6.4
W	2.2	1.9	1.7	.6		.1						6.4	5.8
WNW	1.2	1.3	.3	.4								3.3	5.5
NW	.6	.6	.4	.1								1.7	5.5
NNW	.6	.9	1.1	.3	.2	.2						3.3	6.9
VARIABLE	.2	1.9	5.1	1.4								8.6	8.1
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.3	//////
TOTALS	23.6	34.8	26.4	8.2	.3	.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	3.7	2.7	1.4	.4							12.6	6.8
NNE	1.0	1.3	1.2	.4	.1							4.1	6.7
NE	1.4	1.0	1.1	.3	.3							4.2	7.5
ENE	.7	.8	.7									2.1	4.5
E	.6	.4	.6	.1								1.7	5.5
ESE	.8	.7	.1									1.6	3.4
SE	.3	.2	.6									1.1	6.1
SSE	1.1	.6	.2	.1								2.0	3.9
S	1.2	2.7	.4	.1								4.4	4.3
SSW	2.0	3.6	1.8	.1								7.4	5.1
SW	3.7	4.0	2.2	.3								12.2	4.7
WSW	4.3	4.6	2.4	.4	.1							11.9	5.0
W	3.4	2.8	2.2	.3								8.8	5.2
WNW	2.0	.6	.7	.1	.1							3.5	4.4
NW	1.8	1.0	.6	.3								3.7	4.9
NNW	1.3	1.9	.8	.3	.2							4.5	5.9
VARIABLE			1.2	.1								1.3	5.6
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.6	//////
TOTALS	28.0	30.0	19.4	4.7	1.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 21[illegible]-23[illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.4	3.9	1.3	.4								13.1	5.8
NNE	5.4	5.0	1.4	.6								12.4	4.4
NE	2.7	3.6	2.2	.4								8.9	[illegible]
ENE	1.4	1.2	.4	.2								3.3	4.6
E	.6	.9										1.4	5.5
ESE	.3	.4	.4									1.2	5.5
SE	.6	.2	.1	.1								1.1	5.2
SSE	.6	.6	.2	.2								1.6	5.2
S	.2	1.0	.4		.1							1.8	6.4
SSW	1.0	1.3	.9	.3								3.6	6.
SW	.9	1.0										1.9	3.9
WSW	1.7	1.3	.6									3.6	4.2
W	2.2	.7	.3	.2								3.4	3.9
WNW	1.0	.6	.2	.2								2.0	4.9
NW	1.6	.6	.1									2.2	3.2
NNW	3.6	.7	.2	.1								4.6	3.0
VARIABLE			.1									.1	4.0
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	33.9	//////
TOTALS	31.1	22.9	9.1	2.9	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 980

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.0	2.3	1.0	.6	.1	.0						8.0	4.8
NNE	5.6	2.9	1.0	.3	.0							9.8	3.9
NE	5.2	2.6	1.7	.4	.0							9.9	4.5
ENE	2.8	2.1	.6	.2								5.8	4.1
E	2.3	1.0	.2	.0								3.6	3.2
ESE	1.4	.6	.1									2.0	3.1
SE	1.0	.4	.1	.0								1.5	3.5
SSE	1.4	.7	.2	.1								2.4	4.0
S	2.1	2.0	.6	.1	.0							4.9	4.5
SSW	1.9	2.5	1.6	.2	.0							6.2	5.3
SW	1.7	2.1	1.3	.3	.0							5.5	5.4
WSW	1.5	1.7	1.1	.3	.0							4.6	5.4
W	1.2	.9	.8	.3		.0						3.2	5.5
WNW	.7	.4	.2	.2	.0							1.5	5.1
NW	.8	.4	.2	.1								1.4	4.2
NNW	1.3	.7	.3	.2	.1	.0						2.6	5.2
VARIABLE	. .2	.4	1.4	.3								2.3	7.8
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	24.7	//////
TOTALS	35.0	23.8	12.5	3.5	.4	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.9	1.9	.8	.3	.2							8.2	4.2
NNE	8.3	4.4	1.1	.5								14.3	3.8
NE	5.6	2.7	.2	.1								8.6	3.2
ENE	2.9	2.4	.3	.1								5.7	3.8
E	1.0	.3	.1									1.4	3.2
ESE	.4	.1										.5	2.2
SE		.4	.3	.1								1.1	6.7
SSE	.3	.5	.4	.5	.1							1.9	9.0
S	.5	2.4	1.4	.2								4.5	6.2
SSW	.6	.8	1.4	.4								3.2	6.7
SW	.9	.5	.6	.6								2.7	6.7
WSW	.5	.5	.5	.3								1.8	6.7
W	.2	.8	.5	.3								1.8	6.9
WNW	.2	.3	.8	.1								1.4	7.3
NW	.6	.5										1.2	3.5
NNW	1.1	.6	.3	.2								2.3	5.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	39.2	//////
TOTALS	28.2	19.5	6.8	4.0	.3							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.2	1.4	.8	1.1	.1							8.5	4.6
NNE	10.2	4.0	.4	.2								14.8	3.3
NE	6.8	3.8	.5									11.1	3.2
ENE	4.0	1.4	.2	.1								5.7	3.2
E	1.1	.8	.2									2.0	3.3
ESE	.3	.1	.1									.5	4.0
SE		.1										.1	4.0
SSE	.5	.5	.2	.4								1.6	6.3
S	.3	1.6	1.2	.2								3.3	6.3
SSW	.8	2.0	2.2	.2								5.2	6.5
SW	.4	1.2	1.0	1.1								3.7	8.0
WSW		.6	.3									1.0	5.9
W	.2	.6	1.2	.2								2.7	7.3
WNW	.2	.6										.9	4.0
NW	.8	.2	.1	.1								1.2	4.3
NNW	.8	.6										1.4	3.1
VARIABLE		.1										.1	5.0
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	36.6	//////
TOTALS	31.5	19.9	9.4	3.5	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.2	2.0	.8	.3	.2							9.6	3.9
NNE	10.2	2.4	.8									13.3	3.0
NE	8.1	3.3										11.4	2.9
ENE	2.7	2.3										4.9	3.2
E	.6	.4										1.1	3.3
ESE	.4											.4	2.0
SE	.1		.1									.2	5.0
SSE	.1	.3	.3	.2								1.0	7.2
S	.6	2.0	1.0	.1	.1							3.9	6.1
SSW	.6	1.0	1.6	.8	.1							4.1	7.8
SW	.4	1.1	1.5	.2								3.2	7.0
WSW	.1	.4	.5	.2	.1							1.4	8.9
W	.4	.3	.8	.1	.2							1.6	7.7
WNW	.2	.2										.4	4.0
NW	.6	.2										.9	2.9
NNW	1.2	.2	.1									1.5	3.1
VARIABLE	.1			.1								.2	8.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	40.6	//////
TOTALS	32.9	16.2	7.4	2.0	.8							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	.6	.8	.5	.2							3.1	7.4
NNE	3.0	1.3	.5	.5	.1							5.5	4.6
NE	8.1	2.5	.8	.3								11.6	3.3
ENE	6.8	3.7	.5	.1								11.1	3.5
E	4.7	2.0	.3	.1								7.2	3.3
ESE	1.4	.3										1.7	2.4
SE	.8	.3										1.1	2.6
SSE	.5	.2	.6	.2								1.6	6.2
S	1.6	1.4	1.6	.6								5.3	6.1
SSW	1.7	2.2	1.6	.6								6.1	5.9
SW	.8	.5	.9	1.3								3.4	8.1
WSW	.3	.3	.8	.4	.3							2.2	9.5
W	.4	.4	1.3	.5								2.7	7.8
WNW		.2	.3	.2								.9	8.5
NW	.1	.1										.2	2.5
NNW	.1	.2	.6	.3								1.3	8.5
VARIABLE		.3	.3	.2								.9	9.1
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	34.2	//////
TOTALS	31.3	16.8	11.0	6.1	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 12 0-1470

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL %	MEAN WIND
N	.6	.6	.4	1.2	.2							3.1	9.7
NNE	1.5	.5	1.3	1.4	.3							5.2	9.1
NE	1.3	1.4	1.2	..	.1							4.2	9.8
ENE	1.3	1.1	.9									3.1	9.4
E	2.2	1.4	.3									3.9	7.4
ESE	2.2	.3		.1								2.6	.5
SE	1.6	.5	.4	.3								2.8	9.7
SSE	2.7	1.2	1.0	.2								5.1	9.5
S	5.4	2.5	1.7	.8	.2							10.5	9.6
SSW	3.9	4.3	2.9	.4	.1							11.7	9.6
SW	2.9	2.0	2.8	1.4	.2							9.4	7.8
WSW	1.6	1.4	1.6	.2	.1							5.6	8.8
W	1.1	.6	1.0	.4	.2	.1						3.6	8.7
WNW	.4	.2	.3	1.1								2.0	9.9
NW	.3	.1	.1	.3								.9	7.5
NNW	.8	.1	.2	.4	.2							1.7	7.9
VARIABLE		.6	1.7	1.2	.1							3.7	9.6
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	19.8	//////
TOTALS	29.7	19.2	17.7	11.6	1.8	.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	.8	.9	1.6	.5	.1						4.8	10.0
NNE	1.3	.9	1.3	1.1	.3	.1						4.9	8.3
NE	.3	.6	.9	.3		.1						2.3	7.8
ENE	.5	1.0	.4	.1	.1							2.2	6.0
E	1.1	.5	.3									1.9	3.9
ESE	.9	.4	.2									1.5	3.8
SE	.9	.8	.8	.4								2.8	6.3
SSE	1.9	.4	.8	1.2	.1							4.4	7.3
S	3.2	2.4	1.3	.6	.1							7.6	5.1
SSW	4.6	4.4	2.0	1.0								12.0	5.3
SW	2.3	3.0	4.7	1.6	.2	.1						11.9	7.2
WSW	2.0	3.7	3.0	1.6	.3	.1						10.8	7.4
W	1.7	1.3	1.9	1.5		.1						6.6	7.7
WNW	.5	.1	.8	1.0								2.4	9.2
NW	.4	.2	.2	.4								1.3	6.8
NNW	1.0	.5	.4	.2	.1							2.3	5.8
VARIABLE	.1	.2	2.2	.8	.2							3.4	9.8
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.9	//////
TOTALS	23.8	21.2	22.0	13.4	2.0	.6						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.5	2.6	2.3	1.5	.1							10.0	5.9
NNE	2.2	1.9	2.0	.3								6.5	5.3
NE	1.5	.8	.9	.8								3.9	6.2
ENE	.9	.4	.2	.1								1.6	4.3
E	.6	.3										1.0	3.2
ESE	1.0	.1	.1	.2								1.4	4.7
SE	.1	.3	.4	.3	.2							1.4	9.8
SSE	.8	1.3	.5	.5	.3							3.2	7.0
S	.9	1.0	.9	.5								3.2	6.6
SSW	1.7	2.0	.9	.5	.1							5.3	5.8
SW	3.3	1.9	1.7	.4	.1							7.5	5.3
WSW	3.1	2.8	2.0	.9								8.8	5.4
W	3.1	1.9	1.5	1.3	.2							8.1	6.3
WNW	1.8	1.0	.8	.4								4.0	5.1
NW	1.7	1.2	.2	.2								3.3	4.2
NNW	1.9	1.9		.3								4.2	4.3
VARIABLE			.1									.1	8.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	26.6	//////
TOTALS	28.2	21.5	14.5	8.2	1.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.2	3.1	1.3	.3								11.9	3.8
NNE	7.0	4.2	1.4	.2								12.8	3.9
NE	4.1	2.6	.9	.1								7.6	4.0
ENE	1.7	1.4	.1									3.2	3.3
E	.4	.2		.1								.6	5.0
ESE	.4	.2										.6	2.8
SE	.4	.6										1.1	3.5
SSE	.6	.5	.8	.6	.5	.1						3.2	10.0
S	.6	1.7	1.0									2.9	5.5
SSW	1.0	1.4	1.2	.2								3.8	5.5
SW	.3	1.4	.8	.6								3.1	6.8
WSW	.6	.4	1.2	.8								3.0	7.8
W	.4	.9	.8	.5								2.6	7.3
WNW	.4	.3	.8	.3								1.8	7.2
NW	.6	.2	.1									1.0	3.4
NNW	1.5	.9	.3	.1								2.8	3.9
VARIABLE	.1	.2										.3	4.7
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	37.4	//////
TOTALS	27.6	19.9	10.4	4.0	.5	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	1.6	1.0	.9	.2	.0						7.4	5.3
NNE	5.5	2.5	1.1	.5	.1	.0						9.7	4.3
NE	4.5	2.2	.7	.2	.0	.0						7.6	3.8
ENE	2.6	1.7	.3	.1	.0							4.7	3.7
E	1.5	.8	.2	.0								2.4	3.4
ESE	.9	.2	.1	.0								1.2	3.2
SE	.5	.4	.3	.1	.0							1.3	5.7
SSE	.9	.6	.6	.5	.1	.0						2.8	7.0
S	1.7	1.8	1.2	.4	.1							5.2	5.6
SSW	1.9	2.3	1.7	.6	.0							6.5	5.9
SW	1.4	1.5	1.7	1.0	.1	.0						5.7	7.0
WSW	1.0	1.3	1.2	.6	.1	.0						4.3	6.9
W	1.0	.9	1.1	.7	.1	.0						3.7	7.3
WNW	.5	.4	.5	.4								1.7	7.0
NW	.7	.3	.1	.1								1.2	4.6
NNW	1.0	.7	.3	.2	.0							2.2	5.0
VARIABLE	.0	.2	.5	.3	.0							1.1	9.3
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	31.4	//////
TOTALS	29.1	19.3	12.5	6.6	.9	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.9	1.9	1.4	1.9	.2	.1						10.3	6.1
NNE	9.9	3.3	1.1	.4	.1							14.9	3.6
NE	7.8	5.1	.3	.3								13.6	3.5
ENE	2.3	1.4	.3									4.1	3.5
E	.8	.2										1.0	2.6
ESE	.1	.3	.1									.6	5.0
SE	.2	.3	.2	.2	.2							1.2	8.7
SSE	.2	.4	.3	.1								1.1	6.1
S	.6	1.7	.8	.3	.3							3.7	7.5
SSW	.8	1.3	1.2	.1	.1							3.6	6.1
SW	.7	1.1	.7	.4								2.9	6.3
WSW	.9	.4	.8	.4								2.6	6.3
W	.9	.2	1.2	.4								2.8	7.2
WNW	.1	.1	.1									.3	5.0
NW	.6	.1										.7	3.0
NNW	.8	.2	.1	.4								1.6	5.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	35.2	//////
TOTALS	31.4	18.3	8.8	5.1	1.0	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.0	1.6	.6	1.3	.1							7.6	5.3
NNE	8.6	2.3	1.2	.6								12.7	3.8
NE	6.9	2.7	.9	.2								10.7	3.6
ENE	2.7	1.7		.1								4.5	3.2
E	1.8	.3	.1									2.2	2.7
ESE	.4	.1										.6	3.2
SE	.2	.2	.1	.3								.9	8.1
SSE	.2	1.0	.8									2.[illegible]	5.9
S	.3	1.8	.6	.3	.1							3.1	6.5
SSW	.8	1.6	1.3	.4	.2							4.3	6.9
SW	.8	.8	.6	.2	.1	.1						2.6	7.2
WSW	.3	.2	.1	.4								1.1	6.8
W	.3	.8	.4	.8								2.3	8.1
WNW		.2		.4								.7	10.3
NW	.4	.2	.1									.8	4.0
NNW	1.0	.3	.1	.3								1.9	5.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	42.2	//////
TOTALS	28.8	15.8	6.9	5.6	.6	.1						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.2	2.0	1.0	2.0	.1							9.3	6.1
NNE	10.3	2.5	1.9	.4								14.7	5.5
NE	7.7	1.9	.4	.1								10.1	5.5
ENE	1.8	1.3	.1									3.2	5.3
E	1.4	1.1	.1									2.7	5.1
ESE	.1	.3										.4	4.3
SE	.3	.1	.3									.7	5.0
SSE	.3	.4	.8	.5	.1							2.0	7.0
S	.9	1.0	1.1	.2	.1							3.3	5.3
SSW	1.0	1.1	.9	.4								3.4	6.0
SW	.9	.7	1.1	.4								3.4	7.5
WSW	.7	.6	.2	.3	.1							1.9	5.4
W	.7	.2	.3	.6								1.8	7.1
WNW			.2									.2	9.0
NW	.7	.3	.2									1.2	4.8
NNW	.6	.4	.2	.1								1.3	4.8
VARIABLE			.1	.1								.2	9.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	39.9	//////
TOTALS	31.6	13.8	9.1	5.4	.4							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	.6	.8	2.1	.9	.1						6.6	9.3
NNE	4.0	1.4	1.2	.6								7.2	4.5
NE	6.9	1.9	1.1	.4								10.3	3.8
ENE	5.8	2.3	.3	.2								8.7	3.4
E	3.0	1.4	.4									4.9	3.4
ESE	1.1	.1	.1									1.3	2.6
SE	.4		.2									.7	4.3
SSE	.6	.1	.3	.3								1.3	7.2
S	1.8	1.8	1.6	1.1								5.9	6.8
SSW	.9	1.6	1.4	1.1								4.9	7.3
SW	.9	.7	1.8	.6	.1	.1						4.1	8.0
WSW	.2	.3	.2	.4								1.2	5.0
W	.4	.2	.2	.4								1.3	7.5
WNW	.3	.3	.2									.9	4.6
NW	.2	.1	.2									.6	5.0
NNW	.6	.2		.1								.9	4.8
VARIABLE		.1	.2	.1								.4	3.3
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	38.9	//////
TOTALS	29.9	13.2	10.4	7.4	1.0	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	.6	1.4	1.8	1.4	.2						6.8	11.0
NNE	1.0	1.2	.7	1.0	.2							4.1	7.4
NE	2.6	1.0	1.2	1.0	.2							6.2	6.6
ENE	2.3	1.2	.7	.1								4.3	5.9
E	3.7	1.0	.3									4.7	5.9
ESE	2.2	.9	.1									3.2	5.9
SE	.9	.2										1.1	5.5
SSE	1.2	1.4	.9	.4	.1							4.1	5.9
S	4.2	1.2	1.1	.5	.1	.1						7.6	5.0
SSW	5.3	2.8	2.6	.9	.1							11.7	5.1
SW	2.7	1.8	2.0	1.7	.7	.1						8.9	7.7
WSW	1.0	1.0	1.0	.6	.1							3.7	6.7
W	.8	.6	.9	1.0	.2							3.4	8.8
WNW	.2	.7	.1	.1	.1							.5	7.4
NW	.4	.3	.1									.9	4.1
NNW	.2	.2	.2	.4	.2							1.3	10.5
VARIABLE	.1	.3	.6	.3								1.3	4.3
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	26.0	//////
TOTALS	29.9	16.1	13.9	10.1	3.6	.4						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	1.1	2.3	3.3	.7	.2	.2					9.6	10.4
NNE	1.3	1.0	1.3	1.2	.1							5.0	7.4
NE	1.2	1.2	.6	.8	.1							3.9	6.7
ENE	1.4	.4	.3	.1								2.3	4.3
E	.7	.4	.1									1.2	3.7
ESE	.6	.6	.1									1.2	3.6
SE	.4	.4	.3	.1								1.3	5.6
SSE	1.0	1.4	.9	.4	.1							3.7	6.0
S	4.7	1.3	1.6	.6	.2	.2						8.6	5.0
SSW	6.1	2.8	1.7	.3	.1							11.9	4.9
SW	4.6	2.6	2.7	1.9	.4							12.1	6.4
WSW	3.0	1.7	1.8	.9	.1							7.4	5.5
W	2.4	1.0	1.0	.6	.1							5.1	5.7
WNW	.3	.3	.6	.9	.1							2.2	9.2
NW	.4	.2		.2								.9	5.5
NNW	.3	.4	.7	.8								2.2	8.8
VARIABLE		.1		.4								.6	10.2
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	21.2	//////
TOTALS	30.2	17.1	15.9	12.8	2.1	.4	.2					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.8	3.8	2.7	2.3	.4	.1	.1					14.2	6.8
NNE	1.2	2.7	1.9	.7								6.4	6.1
NE	1.4	1.6	1.3	.2								4.6	5.7
ENE	1.1	.6	.3	.2								2.2	4.6
E	.4	.2										.7	2.8
ESE	.2		.1									.3	3.7
SE	.3	.4	.3	.2								1.3	6.6
SSE	.7	.4	.7	.3	.1							2.2	7.5
S	1.1	1.7	.8	.7	.1							4.3	6.3
SSW	1.0	1.3	.7	.3	.1							3.4	5.9
SW	1.7	1.9	1.9	.6	.1							6.1	6.1
WSW	1.6	.9	1.0	.6								4.2	6.1
W	2.2	.8	.7	.6	.2							4.4	5.9
WNW	1.2	.4	.4	.2								2.4	5.6
NW	2.0	.5	.2	.1								2.8	3.6
NNW	1.8	1.8	.6	.2								4.4	4.6
VARIABLE		.1										.1	5.0
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	35.4	//////
TOTALS	22.9	19.4	13.6	7.4	1.1	.1	.1					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.2	3.7	2.0	1.2	.2							13.9	5.0
NNE	7.6	5.2	1.2	.7	.2							14.9	4.3
NE	3.9	2.4	.6	.4								7.3	4.0
ENE	1.3	.9	.2									2.4	3.7
E	1.3	.2	.1									1.7	2.9
ESE	.2	.4										.7	3.6
SE	.1	.2	.2	.4		.1						1.1	10.2
SSE	.7	.4	.3		.1							1.6	5.4
S	1.0	2.2	.2	.3	.2							4.0	6.0
SSW	1.1	1.7	.8	.6		.1						4.2	6.6
SW	1.4	1.0	1.2	.3	.1							4.1	6.1
WSW	.3	.2	.4									1.0	5.0
W	.4	.6	.9	.7	.2							2.8	8.6
WNW	.3	.3	.1	.2		.1						1.1	5.2
NW	.9	.3		.1								1.3	3.5
NNW	1.2	.9	.3									2.4	4.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	35.4	//////
TOTALS	29.1	20.4	9.7	5.1	1.1	.3						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.8	1.8	1.5	2.0	.5	.1	.0					9.9	7.2
NNE	5.5	2.4	1.3	.7	.1							10.0	4.5
NE	4.8	2.2	.8	.4	.0							8.3	4.1
ENE	2.3	1.2	.3	.1								4.0	3.6
E	1.6	.6	.2									2.4	3.0
ESE	.6	.3	.1									1.0	3.3
SE	.4	.3	.2	.2	.0	.0						1.1	6.5
SSE	.6	.7	.6	.2	.1							2.3	6.4
S	1.8	1.6	1.0	.5	.2	.0						5.1	6.0
SSW	2.1	1.8	1.3	.6	.1	.0						5.9	5.7
SW	1.7	1.3	1.5	.8	.2	.0						5.5	6.9
WSW	1.0	.7	.7	.5	.0							2.9	6.1
W	1.0	.5	.7	.6	.1							3.0	7.1
WNW	.3	.3	.2	.3	.0	.0						1.1	7.3
NW	.7	.3	.1	.1								1.2	4.0
NNW	.8	.6	.3	.3	.0							2.0	5.8
VARIABLE	.0	.1	.1	.1								.3	8.8
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	34.3	//////
TOTALS	29.1	16.7	10.9	7.4	1.4	.2	.0					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.7	2.3	1.9	1.4	.2							10.5	5.7
NNE	7.0	3.9	.9	.4	.1							12.7	3.9
NE	4.3	3.1	1.1	.4	.2							9.1	4.7
ENE	1.4	1.0	.4	.2								3.[illegible]	4.6
E	.9	.6	.1									1.6	3.5
ESE		.2	.1									.3	5.3
SE	.4	.1										.5	2.8
SSE		.2	.3	.4	.2							1.2	11.5
S	1.1	1.6	1.3	.4		.1						4.5	6.7
SSW	.4	2.0	1.8	1.2	.1							5.6	8.1
SW	1.0	1.6	1.5	1.3	.1							5.5	7.7
WSW	.8	.6	.9	1.7	1.1							5.1	10.9
W	.4	.3	.8	1.1	.2							2.8	15.2
WNW	.4	.3	.2	.3	.1							1.4	7.6
NW	.6	.3	.1									1.1	3.6
NNW	2.0	.3	.1	.2	.1							2.9	4.2
VARIABLE			.1	.1								.2	11.2
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	32.5	//////
TOTALS	25.5	18.[illegible]	11.6	9.[illegible]	2.5	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.5	1.8	1.1	1.1	.3							8.8	5.4
NNE	6.6	3.3	.9	.9	.1		.1					11.7	4.3
NE	5.4	2.2	.8	.2	.2							8.7	4.0
ENE	1.5	1.6	.2		.1							3.4	4.2
E	.9	.6	.1									1.6	3.7
ESE	.2	.2	.1									.5	3.6
SE	.1	.1										.2	3.0
SSE	.3	.2	.2	.2								1.0	6.9
S	1.1	1.2	1.8	1.2	.2	.1						5.6	8.3
SSW	.9	1.1	3.1	1.1								6.1	7.8
SW	.5	.8	2.6	2.0								5.9	6.7
WSW	.6	.6	1.2	1.3	.3	.1						4.2	9.9
W	.6	.5	.6	.5	.2							2.6	7.9
WNW	.1	.2	.2	.4								1.0	9.0
NW	.3	.1	.1									.5	4.2
NNW	1.0	.4	.2	.1								1.7	4.4
VARIABLE		.1	.1	.2								.4	11.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	35.9	//////
TOTALS	24.6	15.2	13.3	9.1	1.5	.2	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.1	1.4	.9	1.3								6.7	5.5
NNE	4.2	1.9	1.5	.6								8.2	4.8
NE	5.3	2.7	.9		.3							9.1	4.1
ENE	2.9	1.0	.3									4.2	3.3
E	1.0	1.0										1.9	3.4
ESE	.7	.4										.8	3.4
SE	.1	.2										.3	3.7
SSE	.1	.5	.2									.8	5.8
S	.4	1.0	1.6	1.4	.2	.1						4.7	9.6
SSW	.8	1.6	2.8	1.5	.1							6.9	7.7
SW	.4	.9	1.0	1.2								4.2	6.9
WSW	.1	1.3	1.5	1.3	.6							4.8	9.9
W	.9	.5	.9	.9	.1							3.2	8.1
WNW	.2		.4	.5	.1							1.3	10.1
NW	.6	.3	.2									1.2	3.9
NNW	1.3	1.0		.2								2.5	4.2
VARIABLE		.2										.2	5.5
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	39.9	//////
TOTALS	21.7	15.9	12.2	9.7	1.5	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	1.0	1.1	.9	.2							5.1	6.6
NNE	3.2	1.9	.1	.2	.2							5.7	4.0
NE	4.6	2.9	1.7	.5	.2							10.0	4.9
ENE	4.0	2.4	.2	.3	.1							7.0	4.0
E	2.0	.5										2.6	2.5
ESE	.6	.2										.9	2.8
SE	.2	.1	.2									.5	4.8
SSE	.4	.2	.1									.8	3.9
S	1.6	1.4	2.0	1.1	.2							6.3	7.3
SSW	1.1	1.9	3.5	1.4	.2	.1						8.3	7.9
SW	.6	1.5	1.4	1.5	.2							5.3	8.8
WSW	.9	.6	1.1	2.4	.2							5.2	10.0
W	.3	.2	.3	1.6	.2	.1						2.9	11.4
WNW	.1	.6	.5	.2	.1							1.6	8.5
NW	.8	.1		.1								1.0	4.0
NNW	.4	.3	.1	.1								1.0	5.0
VARIABLE			.2	.1								.3	9.3
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	35.8	//////
TOTALS	22.9	16.0	12.7	10.4	1.9	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.2	1.3	2.4	.9	.1						5.7	11.5
NNE	1.5	1.1	.5	.8	.3	.1						4.3	7.3
NE	1.6	1.3	.6	.8	.1	.1						4.5	6.6
ENE	2.7	1.2	.8	.5	.3							5.5	5.7
E	2.0	1.4	.2									3.7	3.7
ESE	1.3	.5										1.8	2.6
SE	1.0	.5	.1									1.6	3.5
SSE	1.0	.4	.1	.2								1.7	4.6
S	2.4	1.4	2.2	.5	.1							6.6	6.0
SSW	2.8	2.5	3.2	2.2	.5	.1	.1					11.4	8.0
SW	2.7	2.4	3.0	3.8	.6			.2				12.7	9.0
WSW	1.1	.6	.9	2.9	.9	.3						6.7	11.5
W	.2	.3	.8	.9	.8	.2						3.1	12.9
WNW	.2	.1	.2	.2	.3							1.1	10.7
NW		.3		.1	.2							.6	11.0
NNW	.2	.2	.2	.3	.2	.1						1.3	10.7
VARIABLE	.1		.1	.1	.1							.4	10.8
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	27.3	//////
TOTALS	21.6	14.5	14.2	15.6	5.4	1.1	.1	.2				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.2	2.9	3.6	1.2	.1	.1					10.2	11.1
NNE	.8	1.1	.2	1.1								3.1	7.7
NE	1.0	1.1	1.0	.6	.1							3.9	7.2
ENE	.4	.8	.8	.3	.2							2.5	7.6
E	1.1	.4	.1	.1								1.7	3.6
ESE	.8	.4	.1									1.3	3.3
SE	.5	.2	.3									1.1	4.2
SSE	1.2	1.0	.3	.2								2.7	4.8
S	4.4	2.2	1.0	.8								8.3	4.8
SSW	5.3	2.7	2.2	2.4	.5							13.0	6.4
SW	2.9	2.9	3.4	3.1	.5	.1	.2					13.2	8.5
WSW	1.3	1.2	1.1	3.1	.9	.2						7.7	10.5
W	1.1	.8	1.1	2.3	.6							5.8	10.2
WNW	.3	.2	.6	.5	.2							1.9	9.6
NW	.5	.2	.3	.4	.1							1.6	8.7
NNW	1.0	.2	.3	1.0	.3							2.8	9.2
VARIABLE		.2	.1	.3								.6	10.5
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	18.6	//////
TOTALS	23.4	16.7	15.8	20.0	4.7	.4	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.0	5.2	3.5	2.8	.5	.1						18.2	6.4
NNE	2.5	1.5	.5	.5								5.1	4.9
NE	1.1	.9	.5	.4								2.9	5.7
ENE	1.5	.6	.1									2.3	7.3
E	.6	.1										.9	3.6
ESE	.4											.4	3.0
SE	.1		.3									.4	7.3
SSE	.9	.4	.3	.2								1.6	4.6
S	1.0	1.8	1.1	.3								4.2	5.7
SSW	1.2	1.5	3.0	1.0	.4		.1					7.2	6.3
SW	1.3	2.2	3.0	1.9	.5							8.9	5.5
WSW	1.2	1.1	1.8	1.3	1.0	.2						6.6	5.8
W	1.1	.6	1.4	1.5	.1							4.7	8.5
WNW	.3	.5	.6	.5	.1							2.2	8.2
NW	1.4	.5										1.9	3.9
NNW	2.8	1.7	.5	.4	.1							5.6	4.8
VARIABLE		.2	.1		.1							.4	2.8
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	26.7	//////
TOTALS	23.3	18.9	16.8	11.[illegible]	2.9	.[illegible]	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 93[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.7	3.1	2.0	1.6								11.5	5.6
NNE	4.9	4.4	.9	.3	.1	.2						10.9	4.6
NE	3.0	2.5	1.0	.6								7.1	4.8
ENE	1.4	1.0	.2	.2								2.8	4.2
E	.5	.4										1.[illegible]	3.1
ESE	.1	.2	.1									.4	5.1
SE	.3	.3										.6	3.2
SSE		.1	.4	.3	.1							1.[illegible]	11.7
S	.4	1.8	1.3	.9								4.4	7.4
SSW	1.4	1.1	3.5	.3	.1							6.5	7.2
SW	1.2	1.3	2.4	1.4	.3							6.6	8.3
WSW	.6	1.5	1.5	1.0	.5							5.2	8.8
W	1.2	.9	.8	.2	.2							3.7	7.6
WNW	.8	.1	.4	.1	.1							1.5	6.1
NW	.6	.3	.1									1.1	3.1
NNW	.2	.6	.2	.6								2.4	6.4
VARIABLE			.5	.1	.1							.8	10.7
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	32.8	//////
TOTALS	21.9	19.7	15.4	8.4	1.6	.2						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	2.0	1.8	1.2	.4	.0	.0					9.6	7.0
NNE	3.8	2.4	.7	.6	.1	.0	.0					7.7	4.8
NE	3.3	2.1	.9	.5	.1	.0						6.9	4.9
ENE	2.0	1.2	.4	.2	.1							3.8	4.5
E	1.1	.6	.1	.0								1.9	3.3
ESE	.5	.3	.1									.8	3.2
SE	.3	.2	.1									.7	3.9
SSE	.5	.4	.2	.2	.0							1.3	6.3
S	1.5	1.5	1.5	.3	.1	.0						5.6	6.8
SSW	1.7	1.8	2.9	1.4	.3	.0	.0					8.1	7.6
SW	1.3	1.7	2.3	2.1	.2	.0	.0	.0				7.8	8.6
WSW	.8	1.0	1.2	1.2	.7	.1						5.7	10.2
W	.7	.5	.8	1.2	.7	.0						3.8	9.6
WNW	.2	.3	.4	.4	.1							1.5	8.6
NW	.6	.3	.1	.1	.0							1.1	4.9
NNW	1.2	.6	.2	.4	.1	.0						2.5	5.8
VARIABLE	.0	.1	.2	.1	.0							.4	10.2
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	31.1	//////
TOTALS	23.1	16.9	14.0	11.7	2.9	.3	.1	.0				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	2.0	1.7	1.4	.3	.1	.0	.0				8.8	6.6
NNE	4.1	2.6	1.4	.6	.1	.0	.0					8.8	4.9
NE	3.5	2.3	1.4	.4	.1	.0						8.1	5.4
ENE	2.0	1.5	.6	.3	.0	.0						4.4	4.7
E	1.3	.8	.2	.0								2.4	3.7
ESE	.8	.4	.1	.0	.0							1.3	3.4
SE	.6	.3	.2	.1	.0	.0						1.2	4.6
SSE	.8	.6	.4	.2	.0	.0						2.[illegible]	5.3
S	1.6	1.8	1.0	.4	.0	.0						4.9	5.5
SSW	1.7	2.3	2.1	.7	.1	.0	.0					6.9	6.3
SW	1.4	1.9	2.1	1.2	.1	.0	.0	.0				6.8	7.3
WSW	1.0	1.4	1.5	1.1	.2	.0						5.2	7.7
W	1.1	1.2	1.1	.7	.1	.0	.0	.0				4.2	7.[illegible]
WNW	.6	.5	.5	.4	.1	.0						2.1	7.0
NW	.7	.4	.3	.2	.0	.0						1.[illegible]	5.6
NNW	1.1	.7	.3	.3	.1	.0	.0					2.[illegible]	5.7
VARIABLE	.1	.5	1.5	.4	.0	.0						2.6	8.6
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	26.4	//////
TOTALS	25.6	21.4	16.4	8.7	1.3	.2	.0	.0				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 87638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILTIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILTIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	.8	.2	.0								3.3	3.2
NNE	3.3	1.1	.2	.0	.1	.0						4.8	3.5
NE	2.6	1.3	.2	.3	.3							4.6	4.8
ENE	1.4	.7	.3	.0	.0							2.4	4.2
E	.6	.4	.1									1.1	3.4
ESE	.7	.5			.0							1.2	3.5
SE	.5											.5	1.9
SSE	.7	.3	.1									1.1	3.7
S	2.5	3.6	2.2	.6								8.9	5.5
SSW	2.3	5.5	5.4	2.6	.0	.0						15.7	6.9
SW	2.0	3.2	4.0	2.0	.3							11.5	7.5
WSW	1.3	1.0	1.0	1.0	.2							4.5	7.3
W	.7	.1	.3	.2								1.3	5.3
WNW	.2	.1				.0						.3	5.1
NW	.8	.0	.1		.1							.6	5.2
NNW	.9	.2										1.1	2.6
VARIABLE			.1	.1	.0							.2	11.6
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	37.2	//////
TOTALS	22.6	18.8	14.1	6.2	1.0	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 2776

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PPPPPPPP        AAAAAA      RRRRRRRR      TTTTTTTTTT        DDDDDDDD
PPPPPPPPP      AAAAAAAA     RRRRRRRRR     TTTTTTTTTT        DDDDDDDDD
PP      PP    AA      AA    RR      RR        TT            DD      DD
PP      PP    AA      AA    RR      RR        TT            DD      DD
PPPPPPPPP     AA      AA    RRRRRRRRR         TT            DD      DD
PPPPPPPP      AAAAAAAAAA    RRRRRRRR          TT            DD      DD
PP            AAAAAAAAAA    RR    RR          TT            DD      DD
PP            AA      AA    RR     RR         TT            DD      DD
PP            AA      AA    RR      RR        TT            DDDDDDDDD
PP            AA      AA    RR       RR       TT            DDDDDDDDD
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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIRVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1958, METAR STATIONS REPORTED VISIBILITIES TO 5 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPESSED TO 5000 FEET. THEREFORE, 10 PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER TOTHS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO TOTHS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
OBSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		54.1	55.1	57.8	58.4	59.0	59.4	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9	60.2
GE 20000		58.8	60.0	63.3	64.1	64.7	65.1	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.9
GE 18000		59.4	60.5	63.9	64.6	65.3	65.6	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.5
GE 16000		59.4	60.5	63.9	64.6	65.3	65.6	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.5
GE 14000		59.4	60.5	63.9	64.6	65.3	65.6	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.5
GE 12000		59.6	60.8	64.1	64.8	65.5	65.8	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.7
GE 10000		60.6	61.8	65.2	65.9	66.6	66.9	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.7
GE 9000		61.2	62.4	65.7	66.5	67.1	67.4	67.6	67.7	67.7	67.7	67.8	67.8	67.8	68.0	68.3
GE 8000		66.0	67.2	70.6	71.5	72.2	72.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	73.0	73.3
GE 7000		68.8	70.1	73.7	74.4	75.1	75.4	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9	76.2
GE 6000		69.5	70.8	74.3	75.1	75.7	76.0	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.6	76.9
GE 5000		69.6	70.9	74.5	75.3	75.9	76.2	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.8	77.1
GE 4500		69.6	70.9	74.5	75.3	75.9	76.2	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.8	77.1
GE 4000		70.0	71.4	75.2	75.9	76.6	76.9	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.4	77.7
GE 3500		70.8	72.2	76.0	76.8	77.4	77.7	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.6
GE 3000		74.9	76.8	81.3	82.3	83.2	83.5	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.5
GE 2500		75.7	77.6	82.4	83.7	84.3	84.9	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.6	85.9
GE 2000		77.6	80.6	85.5	86.5	87.4	88.1	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.9	89.2
GE 1800		77.8	80.9	85.8	86.8	87.7	88.5	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.4	89.7
GE 1500		78.6	81.7	87.0	88.3	89.2	90.2	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.4
GE 1200		79.1	82.3	87.7	89.0	90.0	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.4
GE 1000		79.5	82.9	88.5	89.9	91.0	92.0	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.9	93.2
GE 900		79.6	83.0	88.7	90.1	91.1	92.4	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.5
GE 800		79.8	83.2	89.0	90.4	91.5	92.8	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.7	94.0
GE 700		79.9	83.3	89.2	90.6	91.8	93.1	93.4	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.3
GE 600		79.9	83.4	89.4	90.8	91.9	93.2	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.1	94.4
GE 500		79.9	83.4	89.8	91.3	92.5	94.2	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.2	95.5
GE 400		79.9	83.5	90.1	91.8	93.1	95.1	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.5
GE 300		79.9	83.7	90.3	91.9	93.3	95.7	96.2	96.6	96.7	96.7	96.8	96.8	96.9	97.0	97.6
GE 200		79.9	83.7	90.3	91.9	93.3	95.7	96.2	96.6	96.8	96.8	96.9	96.9	97.0	97.1	97.7
GE 100		79.9	83.7	90.3	91.9	93.3	95.7	96.2	96.6	96.8	96.8	96.9	96.9	97.0	97.1	98.5
GE 0		79.9	83.7	90.3	91.9	93.3	95.7	96.2	96.6	96.8	96.8	96.9	97.0	97.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
CLIMATAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

CEILING IN FEET	GT 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		53.6	55.0	56.2	59.0	59.4	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
GE 20000		56.8	58.4	61.9	62.6	63.1	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
GE 18000		57.2	58.6	62.2	63.0	63.4	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 16000		57.2	58.8	62.2	63.0	63.4	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 14000		57.2	58.8	62.2	63.0	63.4	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 12000		57.3	58.9	62.3	63.1	63.5	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
GE 10000		57.9	59.5	63.0	63.7	64.2	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7
GE 9000		58.6	60.3	63.7	64.5	64.9	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
GE 8000		63.0	64.7	68.6	69.3	69.8	70.5	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6
GE 7000		65.8	67.7	71.6	72.3	72.8	73.5	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7
GE 6000		67.0	68.9	72.8	73.5	74.0	74.7	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
GE 5000		67.2	69.1	73.0	73.7	74.2	74.9	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1
GE 4500		67.2	69.1	73.0	73.7	74.2	74.9	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1
GE 4000		67.7	69.8	73.6	74.4	74.8	75.6	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7
GE 3500		67.6	69.9	73.7	74.5	74.9	75.7	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.9
GE 3000		72.1	74.5	79.3	80.1	80.5	81.3	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.7
GE 2500		73.4	75.8	80.6	81.4	81.8	82.8	83.7	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.3
GE 2000		75.3	78.3	83.3	84.1	84.5	85.7	86.7	86.8	86.9	86.9	86.9	87.1	87.0	87.0	87.2
GE 1800		75.8	78.7	83.7	84.5	84.9	86.1	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.6
GE 1500		77.3	80.2	85.3	86.1	86.4	87.6	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9	89.1
GE 1000		77.6	80.6	86.1	86.9	87.3	88.5	89.5	89.6	89.7	89.7	89.7	89.9	89.9	89.8	90.0
GE 750		76.1	81.6	86.9	87.7	88.4	89.6	90.6	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.7
GE 500		78.5	81.9	87.2	88.1	88.7	89.9	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.6
GE 450		78.9	82.6	87.8	89.0	89.7	91.0	92.0	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.7
GE 400		79.1	82.8	88.2	89.3	90.0	91.4	92.5	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.1
GE 350		79.2	82.9	88.3	89.5	90.1	91.5	92.6	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.2
GE 300		79.2	83.1	88.7	90.1	90.7	92.2	93.5	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.3
GE 250		79.4	83.2	88.9	90.3	91.0	92.7	94.1	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.8
GE 200		79.4	83.2	89.2	90.7	91.4	93.2	94.9	95.4	95.7	95.7	95.7	95.8	95.8	95.8	96.0
GE 150		79.4	83.2	89.2	90.7	91.4	93.2	94.9	95.4	95.8	95.8	95.8	95.9	95.9	95.9	96.2
GE 100		79.4	83.2	89.2	90.7	91.4	93.2	94.9	95.4	95.8	95.9	95.8	95.9	96.0	96.1	97.1
GE 0		79.4	83.2	89.2	90.7	91.4	93.2	94.9	95.4	95.8	95.9	95.9	96.0	97.0	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 9.9

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		52.9	54.3	57.0	58.6	58.3	59.6	60.0	60.0	60.1	60.1	60.1	60.2	60.3	60.3	60.3
GE 20000		55.4	56.9	59.6	60.5	60.9	62.2	62.6	62.6	62.7	62.7	62.7	62.8	62.9	62.9	62.9
GE 18000		55.7	57.2	59.9	60.9	61.2	62.5	62.9	62.9	63.0	63.0	63.0	63.1	63.2	63.2	63.2
GE 16000		55.7	57.2	59.9	60.9	61.2	62.5	62.9	62.9	63.0	63.0	63.0	63.1	63.2	63.2	63.2
GE 14000		55.7	57.2	59.9	60.9	61.2	62.5	62.9	62.9	63.0	63.0	63.0	63.1	63.2	63.2	63.2
GE 12000		55.9	57.4	60.1	61.1	61.4	62.7	63.1	63.1	63.2	63.2	63.2	63.3	63.4	63.4	63.4
GE 10000		57.0	58.5	61.2	62.2	62.5	63.8	64.2	64.3	64.4	64.4	64.4	64.5	64.6	64.6	64.6
GE 9000		58.4	59.9	62.6	63.5	63.9	65.2	65.6	65.7	65.8	65.8	65.8	65.9	66.0	66.0	66.0
GE 8000		62.5	64.0	66.8	68.0	68.3	69.6	70.1	70.2	70.3	70.3	70.3	70.4	70.5	70.5	70.5
GE 7000		64.8	66.3	69.1	70.3	70.6	71.9	72.5	72.6	72.7	72.7	72.7	72.8	72.9	72.9	72.9
GE 6000		65.6	67.3	70.1	71.3	71.6	72.9	73.4	73.5	73.7	73.7	73.7	73.8	73.9	73.9	73.9
GE 5000		65.8	67.3	70.1	71.3	71.6	72.9	73.4	73.5	73.7	73.7	73.7	73.8	73.9	73.9	73.9
GE 4500		65.8	67.3	70.1	71.3	71.6	72.9	73.4	73.5	73.7	73.7	73.7	73.8	73.9	73.9	73.9
GE 4000		66.7	68.3	71.1	72.4	72.7	74.0	74.5	74.6	74.7	74.7	74.7	74.8	74.9	74.9	74.9
GE 3500		67.1	68.7	71.5	72.6	73.1	74.4	74.9	75.1	75.2	75.2	75.2	75.3	75.4	75.4	75.4
GE 3000		71.6	73.8	76.9	78.3	78.6	79.9	80.4	80.5	80.6	80.6	80.6	80.8	80.9	80.9	80.9
GE 2500		73.1	75.3	76.4	79.8	80.1	81.4	81.9	82.0	82.2	82.2	82.2	82.3	82.7	82.7	82.7
GE 2000		74.7	77.0	80.4	81.6	82.2	83.4	84.0	84.1	84.2	84.2	84.2	84.3	84.7	84.7	84.7
GE 1800		75.1	77.3	80.8	82.2	82.5	83.8	84.3	84.4	84.5	84.5	84.5	84.6	85.1	85.1	85.1
GE 1500		76.9	79.5	83.0	84.4	84.7	86.0	86.6	86.7	86.8	86.8	86.8	86.9	87.3	87.3	87.3
GE 1200		77.2	79.8	83.4	84.8	85.2	86.5	87.0	87.1	87.2	87.2	87.2	87.3	87.7	87.7	87.7
GE 1000		78.1	80.8	84.6	86.2	86.7	88.1	88.6	88.7	88.8	88.8	88.8	88.9	89.4	89.4	89.4
GE 900		78.4	81.3	85.5	86.9	87.3	88.7	89.2	89.4	89.5	89.5	89.5	89.6	90.0	90.0	90.0
GE 800		78.5	81.5	85.8	87.2	87.6	89.1	89.7	89.8	89.9	89.9	89.9	90.0	90.4	90.4	90.4
GE 700		78.8	82.0	86.6	88.0	88.4	90.0	90.5	90.6	90.8	90.8	90.8	90.9	91.3	91.3	91.3
GE 600		78.8	82.2	86.8	88.2	88.6	90.2	90.9	91.0	91.1	91.1	91.1	91.2	91.6	91.6	91.7
GE 500		79.0	82.6	87.5	89.0	89.5	91.2	91.8	92.0	92.3	92.3	92.3	92.4	92.8	92.8	92.9
GE 400		79.0	83.0	88.1	89.6	90.2	92.2	92.9	93.1	93.4	93.5	93.5	93.7	94.1	94.1	94.2
GE 300		79.0	83.0	88.3	89.8	90.4	92.5	93.2	93.4	93.8	93.9	93.9	94.2	94.6	94.6	94.7
GE 200		79.0	83.0	88.3	89.8	90.4	92.5	93.3	93.5	94.2	94.3	94.3	94.6	95.1	95.1	95.2
GE 100		79.0	83.0	88.3	89.8	90.4	92.5	93.3	93.5	94.3	94.5	94.5	94.8	95.3	95.6	96.6
GE 0		79.0	83.0	88.3	89.8	90.4	92.5	93.3	93.5	94.3	94.6	94.8	95.2	95.8	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
ESAFLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 6	GE 5	GE 4	GE 2
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		43.2	44.1	46.1	47.1	47.5	48.1	48.5	48.8	49.1	49.2	49.5	49.5	49.5	49.5	49.5
GE 20000		50.9	52.5	55.1	56.1	56.6	57.3	57.8	58.3	58.6	58.7	58.9	58.9	58.9	58.9	58.9
GE 18000		51.1	52.7	55.3	56.3	56.8	57.5	58.1	58.5	58.8	58.9	59.1	59.1	59.1	59.1	59.1
GE 16000		51.1	52.7	55.3	56.3	56.8	57.5	58.1	58.5	58.8	58.9	59.1	59.1	59.1	59.1	59.1
GE 14000		51.1	52.7	55.3	56.3	56.8	57.5	58.1	58.5	58.8	58.9	59.1	59.1	59.1	59.1	59.1
GE 12000		51.4	53.0	55.6	56.7	57.1	57.8	58.4	58.8	59.1	59.2	59.5	59.5	59.5	59.5	59.5
GE 10000		52.8	54.5	57.1	58.2	58.6	59.4	59.9	60.3	60.6	60.8	61.0	61.0	61.0	61.0	61.0
GE 9000		53.3	55.2	57.7	58.8	59.2	60.0	60.5	61.0	61.3	61.4	61.6	61.6	61.6	61.6	61.6
GE 8000		56.6	58.6	61.5	62.7	63.1	63.9	64.8	65.3	65.6	65.7	65.9	65.9	65.9	65.9	66.[illegible]
GE 7000		58.4	60.5	63.4	64.6	65.1	65.8	67.0	67.5	67.8	68.0	68.2	68.2	68.2	68.2	68.3
GE 6000		58.5	60.8	63.7	64.8	65.3	66.1	67.3	67.8	68.2	68.3	68.5	68.5	68.5	68.5	68.6
GE 5000		58.6	60.9	63.8	64.9	65.4	66.2	67.4	68.0	68.3	68.4	68.6	68.6	68.6	68.6	68.7
GE 4500		58.7	61.0	63.9	65.1	65.5	66.3	67.5	68.1	68.4	68.5	68.7	68.7	68.7	68.7	68.8
GE 4000		60.2	62.6	65.8	67.0	67.4	68.3	69.5	70.0	70.3	70.5	70.8	70.8	70.8	70.8	70.9
GE 3500		61.0	63.3	66.6	67.7	68.2	69.0	70.2	70.8	71.1	71.3	71.5	71.5	71.5	71.5	71.6
GE 3000		65.8	68.4	71.8	73.0	73.4	74.4	75.7	76.2	76.7	76.9	77.1	77.1	77.1	77.1	77.2
GE 2500		68.2	71.0	74.5	75.7	76.1	77.1	78.5	79.0	79.5	79.7	79.9	79.9	79.9	79.9	[illegible]
GE 2000		70.1	73.1	77.2	78.4	78.8	79.9	81.5	82.2	82.6	82.8	83.0	83.0	83.0	83.0	83.1
GE 1800		70.1	73.2	77.4	78.7	79.1	80.2	81.8	82.5	82.9	83.1	83.3	83.3	83.3	83.3	83.4
GE 1500		71.1	74.4	78.9	80.3	80.8	81.9	83.7	84.3	84.7	84.9	85.2	85.2	85.2	85.2	85.3
GE 1200		71.3	74.8	80.4	82.0	82.5	83.9	85.7	86.3	86.8	87.0	87.2	87.2	87.5	87.5	87.6
GE 1000		71.8	75.5	81.5	83.1	83.7	85.1	87.0	87.7	88.2	88.4	88.6	88.6	88.9	88.9	[illegible]
GE 900		72.0	75.8	81.6	83.7	84.3	85.7	87.7	88.6	89.0	89.2	89.5	89.5	89.8	89.8	89.9
GE 800		72.0	76.0	82.2	84.1	84.7	86.3	88.4	89.2	89.7	89.9	90.1	90.1	90.4	90.4	90.5
GE 700		72.2	76.1	82.4	84.6	85.4	87.1	89.2	90.2	90.6	90.9	91.1	91.1	91.4	91.4	91.5
GE 600		72.2	76.1	82.6	84.7	85.7	87.5	89.8	90.9	91.3	91.5	91.7	91.7	92.0	92.0	92.1
GE 500		72.2	76.1	82.8	85.3	86.0	88.1	90.5	91.6	92.0	92.4	92.6	92.6	92.9	92.9	93.0
GE 400		72.2	76.1	82.8	85.3	86.0	88.2	90.6	91.9	92.6	93.0	93.2	93.2	93.5	93.5	93.7
GE 300		72.2	76.1	82.8	85.3	86.0	88.2	90.9	92.3	93.2	93.7	94.1	94.2	94.5	94.5	94.7
GE 200		72.2	76.1	82.8	85.3	86.0	88.2	90.9	92.5	93.5	94.1	94.5	94.7	95.0	95.0	95.3
GE 100		72.2	76.1	82.8	85.3	86.0	88.2	90.9	92.5	93.7	94.2	94.7	94.9	95.6	95.9	97.4
GE 0		72.2	76.1	82.8	85.3	86.0	88.2	90.9	92.5	93.7	94.2	94.7	94.9	95.8	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		45.7	47.0	48.2	49.2	49.5	49.9	50.2	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.8
GE 20000		52.6	54.8	56.3	57.4	57.7	58.3	58.6	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.1
GE 18000		53.4	55.6	57.1	58.2	58.5	59.0	59.4	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.9
GE 16000		53.4	55.6	57.1	58.2	58.5	59.0	59.4	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.9
GE 14000		53.4	55.6	57.1	58.2	58.5	59.0	59.4	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.9
GE 12000		53.7	55.8	57.3	58.4	58.7	59.2	59.6	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.2
GE 10000		54.7	57.0	58.6	59.7	60.0	60.5	60.9	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.5
GE 9000		56.1	58.5	60.1	61.2	61.5	62.0	62.4	62.5	62.7	62.9	62.9	62.9	62.9	62.9	63.0
GE 8000		59.9	62.6	64.3	65.4	65.7	66.2	66.6	66.8	67.0	67.2	67.2	67.2	67.2	67.2	67.3
GE 7000		62.2	65.1	66.8	67.8	68.2	68.8	69.1	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.9
GE 6000		62.4	65.3	67.3	68.5	68.8	69.5	69.8	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.5
GE 5000		62.6	65.6	67.6	68.8	69.1	69.8	70.1	70.3	70.5	70.8	70.8	70.8	70.8	70.8	70.9
GE 4500		62.6	65.6	67.6	68.8	69.1	69.8	70.1	70.3	70.5	70.8	70.8	70.8	70.8	70.8	70.9
GE 4000		63.9	66.9	68.9	70.1	70.4	71.1	71.5	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.5
GE 3500		65.2	68.2	70.2	71.4	71.7	72.4	72.8	73.1	73.4	73.7	73.7	73.7	73.7	73.7	73.8
GE 3000		71.8	75.6	77.8	79.1	79.5	80.2	80.6	81.0	81.3	81.5	81.5	81.5	81.5	81.5	81.6
GE 2500		73.9	77.6	80.1	81.4	81.8	82.6	83.0	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.1
GE 2000		75.8	79.9	83.1	84.5	85.1	85.8	86.2	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.3
GE 1800		76.0	80.1	83.3	84.8	85.4	86.1	86.6	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.6
GE 1500		76.8	81.2	84.7	86.5	87.0	87.7	88.3	88.9	89.2	89.5	89.5	89.5	89.5	89.5	89.6
GE 1000		77.5	82.2	86.0	88.0	88.5	89.5	90.0	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.3
GE 900		78.2	82.9	87.1	89.2	89.8	90.8	91.4	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.9
GE 800		78.2	82.9	87.1	89.5	90.0	91.0	91.6	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.1
GE 700		78.2	82.9	87.2	89.7	90.3	91.4	92.2	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.7
GE 600		78.2	82.9	87.6	90.5	91.2	92.5	93.3	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.8
GE 500		78.2	82.9	87.7	90.9	91.5	92.9	93.9	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.4
GE 400		78.4	83.1	88.1	91.2	91.8	93.2	94.4	95.5	95.9	96.2	96.2	96.2	96.2	96.2	96.3
GE 300		78.4	83.1	88.1	91.3	91.9	93.4	94.8	95.9	96.6	96.9	97.0	97.0	97.0	97.0	97.1
GE 200		78.4	83.1	88.1	91.3	91.9	93.4	94.8	95.9	96.6	96.9	97.0	97.1	97.1	97.1	97.3
GE 150		78.4	83.1	88.1	91.3	91.9	93.4	94.9	96.0	96.9	97.6	97.7	98.1	98.2	98.4	98.6
GE 100		78.4	83.1	88.1	91.3	91.9	93.4	94.9	96.0	96.9	97.6	97.7	98.1	98.2	98.4	99.1
GE 0		78.4	83.1	88.1	91.3	91.9	93.4	94.9	96.0	96.9	97.6	97.7	98.1	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		48.5	49.8	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.5
GE 20000		58.2	60.0	61.6	61.8	61.8	61.8	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.2
GE 18000		59.5	61.3	63.0	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.7
GE 16000		59.5	61.3	63.0	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.7
GE 14000		59.5	61.3	63.0	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.7
GE 12000		59.8	61.6	63.3	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	64.0
GE 10000		60.9	62.7	64.4	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.1
GE 9000		62.0	64.0	65.7	65.9	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.6
GE 8000		65.3	67.2	69.0	69.2	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.9
GE 7000		68.5	70.6	72.6	72.8	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.4
GE 6000		69.5	71.8	73.9	74.1	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.7
GE 5000		70.1	72.5	74.5	74.7	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.4
GE 4500		70.1	72.5	74.5	74.7	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.4
GE 4000		72.2	74.5	76.8	77.0	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6
GE 3500		74.0	76.5	78.7	78.9	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.6
GE 3000		80.9	83.5	85.9	86.2	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.9
GE 2500		83.2	85.9	88.7	89.0	89.2	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.9
GE 2000		84.6	87.5	91.1	91.5	91.7	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.4
GE 1800		84.7	87.6	91.3	91.7	91.9	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.6
GE 1500		85.8	88.8	92.8	93.3	93.5	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.3
GE 1200		86.0	89.2	93.2	93.9	94.1	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.8
GE 1000		86.2	89.5	93.4	94.2	94.5	94.8	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.6
GE 900		86.2	89.5	93.5	94.4	94.7	95.1	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.9
GE 800		86.2	89.5	93.7	94.7	95.1	95.4	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.5
GE 700		86.2	89.5	93.7	94.7	95.1	95.4	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.5
GE 600		86.3	89.6	93.9	95.2	95.5	95.9	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.4
GE 500		86.3	89.6	93.9	95.2	95.6	96.0	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 400		86.3	89.6	93.9	95.2	95.6	96.0	97.2	97.4	98.3	98.4	98.4	98.4	98.4	98.4	98.6
GE 300		86.3	89.6	93.9	95.2	95.6	96.0	97.2	97.6	98.6	98.7	98.7	98.7	98.8	98.8	99.0
GE 200		86.3	89.6	93.9	95.2	95.6	96.0	97.2	97.6	98.6	98.7	98.7	98.9	99.0	99.1	99.4
GE 100		86.3	89.6	93.9	95.2	95.6	96.0	97.2	97.6	98.6	98.7	98.7	99.0	99.1	99.5	99.8
GE 0		86.3	89.6	93.9	95.2	95.6	96.0	97.2	97.6	98.6	98.7	98.7	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		52.4	53.5	54.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.6
GE 20000		60.3	61.9	63.7	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.6
GE 18000		61.8	63.4	65.2	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	67.2
GE 16000		61.8	63.4	65.2	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	67.2
GE 14000		61.8	63.4	65.2	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	67.2
GE 12000		62.0	63.7	65.4	66.7	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.4
GE 10000		62.9	64.5	66.2	67.5	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.9	67.8	68.0	68.3
GE 9000		63.4	65.1	67.0	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7	69.0
GE 8000		67.4	69.0	71.4	72.8	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.5
GE 7000		70.8	72.5	74.9	76.5	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9	77.2
GE 6000		71.1	72.8	75.4	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.6
GE 5000		71.4	73.1	75.7	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	78.0
GE 4500		71.4	73.1	75.7	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	78.0
GE 4000		72.5	74.3	77.0	78.7	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.5
GE 3500		73.8	75.6	78.4	80.2	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6	81.0
GE 3000		79.8	81.7	84.9	86.9	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.6
GE 2500		81.5	83.7	87.2	89.1	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	90.1
GE 2000		83.2	85.8	90.1	92.2	92.4	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	93.2
GE 1800		83.7	85.3	90.6	92.7	92.9	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.6
GE 1500		84.1	87.1	91.7	93.9	94.1	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.9
GE 1200		84.5	87.6	92.4	94.5	94.7	94.8	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.7
GE 1000		84.8	88.0	93.0	95.2	95.5	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.6
GE 900		85.1	88.2	93.3	95.5	95.8	95.9	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	97.1
GE 800		85.2	88.3	93.4	95.6	95.9	96.0	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.4
GE 700		85.2	88.3	93.5	95.8	96.1	96.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.7
GE 600		85.2	88.4	93.7	95.9	96.5	96.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	98.2
GE 500		85.2	88.4	93.7	95.9	96.5	96.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.3
GE 400		85.2	88.4	93.7	96.0	96.6	96.7	97.7	97.7	98.0	98.3	98.3	98.3	98.3	98.4	98.7
GE 300		85.2	88.4	93.7	96.0	96.6	96.7	97.7	98.0	98.2	98.5	98.5	98.5	98.5	98.6	98.9
GE 200		85.2	88.4	93.7	96.0	96.6	96.7	97.7	98.0	98.2	98.5	98.5	98.5	98.5	98.7	99.0
GE 100		85.2	88.4	93.7	96.0	96.6	96.7	97.7	98.0	98.2	98.5	98.5	98.5	98.6	98.9	99.4
GE 0		85.2	88.4	93.7	96.0	96.6	96.7	97.7	98.0	98.2	98.5	98.5	98.5	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: UR2270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
		VISIBILITY IN HUNDREDS OF METERS														
NO CEIL		56.9	58.2	59.8	60.4	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2
GE [illegible]		60.0	61.3	64.1	64.9	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
GE 18000		60.9	62.2	65.0	65.7	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6
GE 16000		61.0	62.3	65.1	65.8	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7
GE 14000		61.0	62.3	65.1	65.8	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7
GE 12000		61.5	62.8	65.6	66.4	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2
GE 10000		62.1	63.4	66.4	67.1	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0
GE 9000		62.7	64.1	67.1	67.9	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8
GE 8000		67.2	68.6	72.1	72.8	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7
GE 7000		72.1	73.6	77.3	78.0	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9
GE 6000		72.7	74.2	78.0	78.8	79.2	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6
GE 5000		72.7	74.2	78.2	79.0	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
GE 4800		72.7	74.2	78.2	79.0	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
GE 4000		73.4	74.9	79.1	79.8	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
GE 3500		74.2	75.8	80.2	80.9	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8
GE 3000		78.3	79.8	84.5	85.7	86.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7
GE 2500		79.0	80.9	85.9	87.1	87.6	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
GE 2000		81.8	84.1	89.1	90.5	91.3	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1
GE 1800		82.2	84.5	89.7	91.2	91.9	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8
GE 1500		82.5	84.9	90.4	92.2	93.0	93.5	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0
GE 1200		82.9	85.2	90.9	92.8	93.6	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
GE 1000		83.0	85.5	91.2	93.2	94.1	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
GE 900		83.2	85.7	91.4	93.6	94.6	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
GE 800		83.4	85.9	91.8	94.1	95.0	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
GE 700		83.4	85.9	92.0	94.3	95.4	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6
GE 600		83.4	85.9	92.0	94.7	95.4	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6
GE 500		83.4	86.1	92.2	94.5	95.6	96.3	96.7	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.3
GE 400		83.4	86.4	92.6	94.8	95.9	96.7	97.1	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.7
GE 300		83.4	86.4	92.7	94.9	96.0	96.9	97.5	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.6
GE 200		83.4	86.4	92.7	94.9	96.0	96.9	97.5	97.8	98.2	98.3	98.3	98.3	98.4	98.4	98.7
GE 100		83.4	86.4	92.7	94.9	96.0	96.9	97.5	97.8	98.2	98.3	98.3	98.3	98.5	98.5	99.4
GE 0		83.4	86.4	92.7	94.9	96.0	96.9	97.5	97.8	98.2	98.3	98.3	98.3	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 76-87
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		50.9	52.1	54.1	54.9	55.2	55.6	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.4
GE 20000		56.6	58.2	60.7	61.6	61.9	62.4	62.7	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.1
GE 18000		57.4	59.0	61.4	62.3	62.6	63.1	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.9
GE 16000		57.4	59.0	61.4	62.3	62.6	63.1	63.4	63.5	63.6	63.7	63.7	63.7	63.7	63.8	63.9
GE 14000		57.4	59.0	61.4	62.3	62.6	63.1	63.4	63.5	63.6	63.7	63.7	63.7	63.7	63.8	63.9
GE 12000		57.6	59.2	61.7	62.6	62.9	63.4	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.2
GE 10000		58.6	60.2	62.6	63.6	64.0	64.4	64.7	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.2
GE 9000		59.5	61.2	63.7	64.6	64.9	65.4	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.1	66.2
GE 8000		63.5	65.3	68.1	69.0	69.3	69.8	70.2	70.3	70.4	70.5	70.5	70.5	70.6	70.6	70.7
GE 7000		66.4	68.3	71.2	72.1	72.5	73.0	73.4	73.5	73.6	73.7	73.7	73.7	73.8	73.8	73.9
GE 6000		67.0	69.0	71.9	72.9	73.2	73.7	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.6	74.7
GE 5000		67.2	69.2	72.2	73.1	73.5	74.0	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	75.0
GE 4500		67.3	69.2	72.2	73.1	73.5	74.0	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	75.0
GE 4000		68.3	70.3	73.4	74.4	74.8	75.3	75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.2	76.3
GE 3500		69.2	71.3	74.4	75.4	75.8	76.3	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.2	77.3
GE 3000		74.4	76.8	80.3	81.4	81.9	82.4	82.9	83.0	83.2	83.2	83.3	83.3	83.3	83.4	83.5
GE 2500		76.0	78.5	82.2	83.4	83.8	84.4	84.9	85.1	85.3	85.3	85.4	85.4	85.5	85.5	85.6
GE 2000		77.9	80.6	85.0	86.2	86.7	87.4	87.9	88.1	88.3	88.3	88.4	88.4	88.5	88.5	88.7
GE 1800		78.2	81.1	85.3	86.6	87.1	87.8	88.3	88.5	88.7	88.7	88.8	88.9	88.9	88.9	89.1
GE 1500		79.1	82.2	86.7	88.1	88.6	89.4	89.9	90.2	90.4	90.4	90.5	90.5	90.5	90.6	90.7
GE 1200		79.5	82.7	87.5	89.0	89.5	90.4	91.0	91.2	91.4	91.4	91.5	91.5	91.6	91.6	91.8
GE 1000		80.0	83.3	88.3	89.8	90.4	91.3	92.0	92.3	92.5	92.5	92.6	92.6	92.7	92.7	92.9
GE 900		80.1	83.5	88.6	90.2	90.8	91.7	92.5	92.8	93.0	93.0	93.0	93.1	93.2	93.2	93.4
GE 800		80.3	83.7	88.9	90.6	91.2	92.2	93.0	93.3	93.5	93.6	93.6	93.6	93.7	93.8	93.9
GE 700		80.4	83.9	89.1	91.0	91.7	92.7	93.6	93.9	94.1	94.1	94.2	94.2	94.3	94.3	94.5
GE 600		80.4	83.9	89.3	91.2	91.9	93.0	93.9	94.3	94.4	94.5	94.5	94.6	94.7	94.7	94.9
GE 500		80.5	84.1	89.6	91.6	92.3	93.5	94.5	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.7
GE 400		80.5	84.2	89.8	91.9	92.5	93.9	95.0	95.4	95.8	96.0	96.1	96.1	96.2	96.2	96.4
GE 300		80.5	84.2	89.9	91.9	92.7	94.1	95.3	95.9	96.3	96.5	96.6	96.7	96.8	96.8	97.1
GE 200		80.5	84.2	89.9	91.9	92.7	94.1	95.3	95.9	96.5	96.8	96.8	97.0	97.1	97.3	97.6
GE 100		80.5	84.2	89.9	91.9	92.7	94.1	95.3	95.9	96.5	96.8	96.9	97.1	97.3	97.5	98.4
GE 0		80.5	84.2	89.9	91.9	92.7	94.1	95.3	95.9	96.5	96.8	96.9	97.1	97.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08273 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 50	GE 40	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		56.6	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000		62.7	63.3	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000		63.3	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 16000		63.3	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 14000		63.3	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 12000		63.3	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000		64.5	65.1	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000		65.7	66.4	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000		70.5	71.2	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 7000		73.5	74.2	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 6000		75.1	75.9	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000		75.9	76.6	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4500		75.9	76.6	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000		78.1	78.9	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500		79.2	80.0	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000		86.7	87.7	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500		87.7	88.6	89.5	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000		90.1	91.1	92.1	92.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800		90.7	91.7	92.8	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500		90.9	92.0	93.5	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000		91.7	93.0	94.8	95.3	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500		92.2	93.5	95.3	95.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900		92.2	93.5	95.3	95.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800		92.2	93.5	95.3	95.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700		92.3	93.6	95.4	95.9	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600		92.3	93.7	96.0	96.7	96.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500		92.4	93.9	96.2	96.9	97.2	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 400		92.4	93.8	96.6	97.4	97.8	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 300		92.4	94.0	96.7	97.6	98.0	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 200		92.4	94.0	96.7	97.6	98.0	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0
GE 100		92.4	94.0	96.7	97.6	98.0	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0
GE 0		92.4	94.0	96.7	97.6	98.0	98.9	99.2	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE
NO CEIL		50.9	51.5	52.8	53.0	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000		57.9	58.7	60.3	60.4	60.5	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000		58.6	59.5	61.0	61.1	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 16000		58.6	59.5	61.0	61.1	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 14000		58.6	59.5	61.0	61.1	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 12000		58.6	59.5	61.0	61.1	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 10000		60.4	61.2	62.8	62.9	63.0	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 9000		61.8	62.6	64.2	64.3	64.4	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000		66.2	67.0	68.9	69.0	69.1	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 7000		69.1	70.2	72.1	72.2	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000		70.0	71.0	72.9	73.0	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000		70.1	71.2	73.0	73.2	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4500		70.1	71.2	73.0	73.2	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000		71.9	72.9	74.8	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500		73.8	74.8	76.7	76.8	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000		83.1	84.2	86.1	86.2	86.3	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500		84.3	85.3	87.2	87.4	87.5	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000		86.4	87.6	89.6	89.7	89.8	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1800		87.0	88.2	90.2	90.4	90.5	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500		88.2	89.4	91.4	92.1	92.2	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200		88.7	90.0	92.4	93.6	93.7	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000		89.2	90.5	93.1	94.3	94.4	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900		89.2	90.5	93.1	94.3	94.4	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800		89.2	90.5	93.1	94.3	94.4	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700		89.4	90.7	93.3	94.4	94.7	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600		89.4	90.8	93.6	94.8	95.0	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500		89.6	91.1	94.7	95.9	96.2	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8
GE 400		89.6	91.1	94.8	96.2	96.6	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
GE 300		89.6	91.1	94.8	96.2	96.6	97.0	98.0	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.7
GE 200		89.6	91.1	94.8	96.2	96.6	97.0	98.0	98.2	98.5	98.5	98.6	98.7	99.1	99.2	99.4
GE 100		89.6	91.1	94.8	96.2	96.6	97.0	98.0	98.2	98.5	98.5	98.6	98.7	99.1	99.2	99.4
GE 0		89.6	91.1	94.8	96.2	96.6	97.0	98.0	98.2	98.5	98.5	98.6	98.9	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		45.2	46.4	47.8	47.8	48.4	48.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000		52.0	53.5	55.5	55.5	56.1	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 18000		52.3	53.8	55.9	55.9	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 16000		52.3	53.8	55.9	55.9	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 14000		52.3	53.8	55.9	55.9	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000		52.3	53.8	55.9	55.9	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 10000		53.8	55.4	57.4	57.4	58.0	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000		55.3	56.8	58.8	58.8	59.4	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000		60.8	62.5	64.7	64.7	65.3	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000		63.0	64.6	67.0	67.0	67.6	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000		64.1	65.8	68.2	68.2	68.8	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 5000		64.1	65.8	68.2	68.2	68.8	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4500		64.1	65.8	68.2	68.2	68.8	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4000		65.4	67.3	69.7	69.7	70.3	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3500		67.6	69.5	71.8	71.8	72.4	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000		76.2	78.5	80.9	81.2	81.8	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2500		78.2	80.6	83.2	83.4	84.0	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2000		80.4	82.8	85.6	86.0	86.6	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800		80.5	83.0	85.7	86.2	86.7	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1500		82.2	85.0	88.3	89.2	89.8	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200		83.6	86.5	90.2	91.1	91.7	92.1	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000		84.5	87.8	92.1	93.3	94.0	94.3	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900		84.5	87.8	92.2	93.5	94.4	94.8	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800		84.6	88.0	92.5	93.8	94.8	95.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700		84.6	88.2	92.7	94.1	95.1	95.5	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 600		84.6	88.3	92.9	94.4	95.5	95.9	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500		84.7	88.4	93.3	94.8	95.9	96.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 400		84.7	88.4	93.3	94.8	95.9	96.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 300		84.7	88.4	93.3	94.8	95.9	96.4	97.4	97.4	97.6	97.6	97.8	97.9	97.9	97.9	97.9
GE 200		84.7	88.4	93.3	94.8	95.9	96.6	97.5	97.5	97.8	97.8	98.1	98.2	98.5	98.8	98.8
GE 100		84.7	88.4	93.3	94.8	95.9	96.6	97.5	97.5	97.8	97.8	98.1	98.2	98.6	98.9	99.2
GE 0		84.7	88.4	93.3	94.8	95.9	96.6	97.5	97.5	97.8	97.8	98.1	98.2	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GE 160	GE 90	GE 80	GE 60	GE 45	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
90 CEIL		37.6	39.6	41.8	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 20000		46.0	48.2	50.5	51.7	51.7	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 18000		46.5	48.6	51.0	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000		46.5	48.6	51.0	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 14000		46.6	48.8	51.1	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000		46.6	48.8	51.1	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 10000		48.2	50.3	52.7	53.8	53.8	54.0	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4
GE 9000		49.7	52.0	54.4	55.6	55.6	55.7	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2
GE 8000		56.0	58.5	61.1	62.5	62.5	62.6	62.8	63.0	63.0	63.0	63.1	63.1	63.3	63.3	63.4
GE 7000		58.8	61.4	64.4	65.8	65.8	66.3	66.5	66.6	66.6	66.6	66.7	66.7	67.0	67.0	67.1
GE 6000		59.2	61.8	64.9	66.3	66.3	66.7	67.0	67.1	67.1	67.1	67.2	67.2	67.5	67.5	67.6
GE 5000		59.2	61.8	64.9	66.3	66.3	66.7	67.0	67.1	67.1	67.1	67.2	67.2	67.5	67.5	67.6
GE 4500		59.2	61.8	65.0	66.4	66.4	66.9	67.2	67.5	67.5	67.5	67.6	67.6	67.9	67.8	67.9
GE 4000		60.9	63.7	67.2	68.6	68.6	69.1	69.5	69.7	69.7	69.7	69.8	69.8	70.1	70.1	70.2
GE 3500		62.8	65.8	69.3	70.8	70.8	71.2	71.6	71.8	71.8	71.8	72.0	72.0	72.2	72.2	72.3
GE 3000		70.3	73.8	77.4	78.8	78.9	79.5	79.9	80.1	80.1	80.1	80.2	80.2	80.5	80.5	80.6
GE 2500		73.1	76.9	80.8	82.2	82.4	83.0	83.3	83.6	83.6	83.6	83.7	83.7	83.9	83.9	84.0
GE 2000		75.0	79.1	83.3	84.7	84.9	85.4	85.9	86.2	86.2	86.2	86.3	86.3	86.5	86.5	86.6
GE 1800		75.4	79.6	83.9	85.3	85.4	86.0	86.5	86.9	86.9	86.9	87.0	87.0	87.2	87.2	87.3
GE 1500		77.4	81.7	86.4	87.8	87.9	88.8	89.2	89.6	89.6	89.6	89.7	89.7	89.9	89.9	90.1
GE 1200		78.8	83.4	88.4	90.2	90.3	91.1	92.0	92.3	92.3	92.3	92.4	92.4	92.7	92.7	92.8
GE 1000		79.6	84.3	89.3	91.5	91.6	92.5	93.6	94.1	94.2	94.2	94.3	94.3	94.5	94.6	94.7
GE 900		79.8	84.4	89.6	91.8	92.1	93.1	94.2	94.7	94.8	94.8	94.9	94.9	95.1	95.1	95.3
GE 800		80.0	84.6	89.8	92.1	92.3	93.4	94.7	95.3	95.4	95.4	95.5	95.5	95.7	95.7	95.9
GE 700		80.0	84.9	90.1	92.3	92.5	93.6	95.0	95.9	96.0	96.0	96.1	96.1	96.3	96.3	96.4
GE 600		80.1	85.0	90.3	92.9	93.1	94.4	95.9	96.7	96.8	96.8	96.9	96.9	97.2	97.2	97.3
GE 500		80.1	85.0	90.3	92.9	93.1	94.4	96.1	96.9	97.0	97.0	97.2	97.2	97.4	97.4	97.5
GE 400		80.1	85.0	90.3	92.9	93.1	94.4	96.1	97.2	97.4	97.4	97.5	97.5	97.8	97.8	97.9
GE 300		80.1	85.0	90.4	93.0	93.3	94.6	96.2	97.3	97.8	98.1	98.2	98.2	98.5	98.5	96.7
GE 200		80.1	85.0	90.4	93.0	93.3	94.6	96.2	97.3	97.8	98.1	98.3	98.3	98.6	98.6	99.1
GE 100		80.1	85.0	90.4	93.0	93.3	94.6	96.2	97.3	97.8	98.1	98.3	98.3	98.7	98.7	99.3
GE 0		80.2	85.1	90.5	93.1	93.4	94.7	96.3	97.4	97.9	98.2	98.5	98.5	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 945

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 76-67
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		38.9	40.9	41.4	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 20000		47.6	50.0	50.8	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000		48.8	51.1	51.9	52.2	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000		48.8	51.1	51.9	52.2	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 14000		48.8	51.1	51.9	52.2	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000		49.3	51.5	52.4	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000		51.5	53.8	54.6	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 9000		52.7	55.2	56.0	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 8000		58.9	61.7	62.9	63.2	63.2	63.2	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000		61.3	64.3	65.6	66.0	66.0	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
GE 6000		62.3	65.2	66.7	67.0	67.0	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6
GE 5000		62.6	65.6	67.0	67.4	67.4	67.6	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500		62.8	65.7	67.1	67.5	67.5	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
GE 4000		65.6	68.6	70.1	70.4	70.4	70.7	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
GE 3500		68.7	71.7	73.3	73.6	73.6	73.9	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5
GE 3000		77.8	81.7	83.7	84.0	84.0	84.5	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500		80.0	83.9	86.2	86.5	86.5	87.0	87.2	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000		82.9	86.9	89.1	89.5	89.5	90.0	90.3	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7
GE 1800		93.3	87.4	89.6	90.1	90.1	90.5	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500		84.3	88.8	91.4	91.8	92.0	92.4	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200		85.1	89.8	93.1	93.7	93.9	94.3	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000		85.6	90.5	94.1	94.7	95.2	95.7	96.2	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 900		85.6	90.7	94.3	94.9	95.4	96.0	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 800		85.8	90.9	94.7	95.4	95.9	96.6	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 700		85.8	90.9	94.7	95.4	95.9	96.6	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 600		85.8	90.9	94.8	95.5	96.1	96.9	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 500		85.8	91.0	95.2	95.9	96.5	97.3	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400		85.8	91.0	95.2	95.9	96.5	97.4	98.5	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 300		85.9	91.1	95.3	96.0	96.6	97.5	98.6	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 200		85.9	91.1	95.3	96.0	96.6	97.5	98.6	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 100		85.9	91.1	95.3	96.0	96.6	97.5	98.6	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 0		85.9	91.1	95.3	96.0	96.6	97.5	98.6	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE [illegible]
NO CEIL		42.1	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 20000		53.0	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000		53.9	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 14000		53.9	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 12000		53.9	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 10000		54.4	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000		56.0	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 9000		57.9	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 8000		63.5	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000		67.3	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 6000		67.7	68.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 5000		68.3	69.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500		68.3	69.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4000		71.3	72.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 3500		74.6	75.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3000		87.8	89.1	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500		89.5	90.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000		90.7	92.1	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800		90.7	92.1	94.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500		91.5	93.1	95.3	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200		92.1	93.7	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000		92.6	94.2	97.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900		92.6	94.2	97.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800		93.1	94.8	97.6	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700		93.3	94.9	97.8	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600		93.3	94.9	97.8	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500		93.3	94.9	97.8	98.5	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400		93.3	94.9	97.8	98.5	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300		93.3	94.9	97.8	98.5	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200		93.3	94.9	97.8	98.5	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.8	99.9	100.0	100.0
GE 100		93.3	94.9	97.8	98.5	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.8	99.9	100.0	100.0
GE 0		93.3	94.9	97.8	98.5	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		48.0	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000		57.2	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000		58.4	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 16000		58.4	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 14000		58.4	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 12000		58.4	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000		59.9	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000		62.4	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000		66.5	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000		70.7	71.5	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000		71.5	72.3	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000		72.3	73.2	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4500		72.3	73.2	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000		76.0	76.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500		77.7	78.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3000		88.1	89.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500		89.8	91.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000		91.4	92.8	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800		91.5	92.9	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500		92.0	93.6	95.6	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200		92.7	94.6	96.8	96.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000		93.0	94.9	97.2	97.4	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900		93.0	94.9	97.3	97.5	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800		93.3	95.3	97.6	98.0	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700		93.3	95.4	98.0	98.2	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600		93.3	95.4	98.0	98.3	98.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500		93.3	95.4	98.0	98.5	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400		93.3	95.4	98.1	98.6	98.6	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
GE 300		93.3	95.4	98.1	98.6	98.6	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9
GE 200		93.3	95.4	98.1	98.6	98.6	99.2	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 100		93.3	95.4	98.1	98.6	98.6	99.2	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 0		93.3	95.4	98.1	98.6	98.6	99.2	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 76-87
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE [illegible]
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		56.4	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	[illegible]
GE 20000		62.5	63.2	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	[illegible]
GE 18000		63.6	64.3	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	[illegible]
GE 16000		63.6	64.3	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	[illegible]
GE 14000		63.6	64.3	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	[illegible]
GE 12000		63.7	64.4	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.4	[illegible]	[illegible]
GE 10000		65.4	66.1	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	[illegible]	[illegible]
GE 9000		67.0	67.7	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	[illegible]	[illegible]
GE 8000		71.2	71.9	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	[illegible]	[illegible]
GE 7000		74.7	75.4	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	[illegible]
GE 6000		75.2	75.9	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	[illegible]	[illegible]
GE 5000		75.8	76.5	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	[illegible]
GE 4500		75.8	76.5	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	[illegible]	[illegible]
GE 4000		78.5	79.2	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500		80.4	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	[illegible]	[illegible]	[illegible]
GE 3000		88.5	89.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	[illegible]	[illegible]	[illegible]
GE 2500		89.2	90.0	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	[illegible]	[illegible]	[illegible]
GE 2000		91.5	92.2	93.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	[illegible]	[illegible]	[illegible]
GE 1800		91.7	92.4	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	[illegible]	[illegible]	[illegible]
GE 1500		92.2	92.9	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	[illegible]	[illegible]	[illegible]
GE 1200		93.0	93.7	96.2	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	[illegible]	[illegible]	[illegible]
GE 1000		93.3	94.0	96.5	96.7	96.9	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.4	[illegible]	[illegible]
GE 900		93.5	94.2	96.7	97.0	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.8	[illegible]	[illegible]
GE 800		93.5	94.2	96.8	97.2	97.4	97.5	97.6	97.8	97.9	97.9	97.9	97.9	[illegible]	[illegible]	[illegible]
GE 700		93.6	94.4	97.0	97.4	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.2	[illegible]	[illegible]	[illegible]
GE 600		93.6	94.6	97.4	97.6	98.1	98.2	98.6	98.7	98.8	98.8	98.8	98.8	[illegible]	[illegible]	[illegible]
GE 500		93.7	94.7	97.5	97.9	98.2	98.3	98.7	98.8	98.9	98.9	98.9	[illegible]	[illegible]	[illegible]	[illegible]
GE 400		93.7	94.8	98.0	98.3	98.7	98.8	99.2	99.3	99.4	99.4	99.4	99.4	[illegible]	[illegible]	[illegible]
GE 300		93.7	94.8	98.1	98.5	98.8	98.9	99.3	99.5	99.8	99.8	99.8	99.8	[illegible]	[illegible]	[illegible]
GE 200		93.7	94.8	98.1	98.5	98.8	98.9	99.3	99.6	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]
GE 100		93.7	94.8	98.1	98.5	98.8	98.9	99.3	99.6	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]
GE 0		93.7	94.8	98.1	98.5	98.8	98.9	99.3	99.6	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN [illegible]

MONTH [illegible]

CEILING IN FEET	GE 100	GE 90	GE 8	GE 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL		47.[illegible]	49.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		54.9	55.[illegible]	57.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000		55.7	55.[illegible]	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		55.7	55.8	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14 [illegible]		55.7	55.8	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1[illegible]		55.8	55.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		57.5	58.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		59.1	63.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		64.[illegible]	65.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7 [illegible]		67.3	69.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6 [illegible]		68.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		68.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		68.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		71.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		73.1	74.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	84.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	84.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0000-0200

VISIBILITY IN HUNDREDS OF METERS

[illegible]	GE [illegible]	GE [illegible]	GE [illegible]	GE [illegible]	GE [illegible]	GE [illegible]	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
[illegible]	[illegible]	[illegible]	[illegible]	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
[illegible]	[illegible]	75.1	[illegible]	[illegible]	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
[illegible]	[illegible]	75.3	[illegible]	[illegible]	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
[illegible]	75.1	[illegible]	75.6	[illegible]	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
[illegible]	[illegible]	[illegible]	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
[illegible]	[illegible]	[illegible]	[illegible]	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.2	[illegible]	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
[illegible]	[illegible]	87.1	[illegible]	[illegible]	87.2	[illegible]	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.5	[illegible]	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	[illegible]	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

[illegible] OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		66.1	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 20000		73.2	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 18000		73.4	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000		73.5	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 14000		73.5	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 12000		74.5	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 10000		75.2	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 9000		75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000		80.5	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 7000		82.8	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000		82.9	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000		83.1	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500		83.1	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000		84.4	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500		85.1	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3000		90.4	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500		91.6	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2000		93.3	94.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800		93.6	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500		94.5	95.6	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200		94.8	95.9	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000		95.6	96.7	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900		95.8	96.9	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800		95.9	97.0	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700		95.9	97.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600		95.9	97.0	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500		95.9	97.0	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400		95.9	97.0	99.4	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300		95.9	97.0	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		95.9	97.0	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		95.9	97.0	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		95.9	97.0	99.4	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 1
NO CEIL		62.6	63.5	63.9	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 20000		70.2	71.5	71.9	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 18000		70.2	71.5	71.9	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 16000		70.3	71.6	72.0	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 14000		70.3	71.6	72.0	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 12000		70.4	71.7	72.2	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000		71.7	73.0	73.4	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000		71.9	73.2	73.7	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000		76.6	78.2	78.6	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000		78.8	80.4	80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 6000		78.9	80.6	81.1	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000		79.2	81.0	81.4	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4500		79.2	81.0	81.4	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000		80.2	81.9	82.6	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500		81.5	83.2	83.9	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000		85.8	87.5	88.7	88.9	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500		87.4	89.2	90.5	90.8	90.9	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000		89.2	91.1	92.5	92.7	92.8	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800		89.6	91.4	92.9	93.1	93.2	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500		91.5	93.3	94.8	95.1	95.2	95.3	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200		91.9	93.8	95.7	95.9	96.0	96.1	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000		92.8	94.8	96.8	97.2	97.3	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900		93.0	95.2	97.2	97.6	97.7	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800		93.1	95.5	97.6	98.1	98.2	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700		93.1	95.5	97.6	98.1	98.2	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600		93.1	95.5	97.6	98.1	98.2	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500		93.2	95.6	97.8	98.3	98.4	98.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400		93.2	95.6	97.8	98.3	98.4	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300		93.2	95.6	97.8	98.3	98.4	98.8	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200		93.2	95.6	97.8	98.3	98.4	98.8	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 100		93.2	95.6	97.8	98.3	98.4	98.8	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 0		93.2	95.6	97.8	98.3	98.4	98.8	99.4	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 95[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		53.1	54.3	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000		63.3	64.9	66.0	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000		63.4	65.2	66.2	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000		63.4	65.2	66.2	66.4	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000		63.8	65.5	66.6	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000		64.0	65.7	66.8	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 10000		65.6	67.3	68.5	69.[illegible]	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	[illegible]	[illegible]
GE 9000		67.0	68.7	70.0	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000		71.3	73.2	74.8	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000		74.3	76.2	78.0	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 6000		74.5	76.5	78.2	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 5000		74.5	76.5	78.3	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4500		74.5	76.5	78.3	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4000		75.3	77.2	79.0	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500		76.1	78.1	80.0	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	[illegible]	[illegible]
GE 3000		84.0	86.1	88.5	89.[illegible]	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.[illegible]	[illegible]	[illegible]
GE 2500		85.1	87.3	89.7	90.2	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	[illegible]	[illegible]	[illegible]
GE 2000		87.1	89.8	92.4	93.0	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	[illegible]	[illegible]
GE 1800		87.5	90.2	92.8	93.4	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	[illegible]	[illegible]
GE 1500		88.8	91.6	94.2	94.9	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	[illegible]	[illegible]
GE 1000		89.6	92.5	95.1	95.8	96.0	96.1	96.2	96.2	96.5	96.5	96.5	96.5	96.5	[illegible]	[illegible]
GE 1000		89.9	92.8	95.4	96.3	96.6	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	[illegible]	[illegible]
GE 900		90.0	93.0	95.6	96.4	96.8	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	[illegible]	[illegible]
GE 800		90.2	93.2	95.9	96.9	97.1	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	[illegible]	[illegible]
GE 700		90.3	93.4	96.2	97.2	97.4	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	[illegible]	[illegible]
GE 600		90.4	93.5	96.3	97.6	97.8	98.4	98.8	98.8	99.6	99.7	99.6	99.7	99.[illegible]	[illegible]	[illegible]
GE 500		90.5	93.7	96.6	97.8	98.1	98.5	99.0	99.1	99.5	99.5	99.5	99.5	99.5	[illegible]	[illegible]
GE 400		90.5	93.7	96.6	97.8	98.2	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	[illegible]	[illegible]
GE 300		90.5	93.7	96.6	97.8	98.2	98.9	99.4	99.5	99.8	99.9	99.9	99.9	99.9	[illegible]	[illegible]
GE 200		90.5	93.7	96.6	97.8	98.2	98.9	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100		90.5	93.7	96.6	97.8	98.2	98.9	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 0		90.5	93.7	96.6	97.8	98.2	98.9	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GE 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000		63.6	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 18000		64.7	64.6	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 16000		64.7	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 14000		64.7	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 12000		64.9	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 10000		66.7	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000		68.2	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000		75.1	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 7000		77.7	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 6000		77.8	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 5000		78.0	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4500		78.1	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000		80.0	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500		81.6	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3000		91.1	91.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500		92.5	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2000		95.1	95.8	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800		95.5	96.2	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500		95.9	97.1	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200		96.5	97.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000		97.1	98.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		97.1	98.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800		97.1	98.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700		97.1	98.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		97.1	98.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		97.1	98.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		97.1	98.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		97.1	98.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		97.1	98.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		97.1	98.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		97.1	98.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

[illegible] OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
GCAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 20	GE 14	GE 12	GE 10	GE 8	GE 6	GE 5	GE 4	GE 2
	VISIBILITY IN HUNDREDS OF METERS														
NO CEIL		49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000		62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 15000		64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 10000		64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 14000		65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000		65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000		66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000		68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 8000		76.0	75.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 7000		79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 6000		79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 5000		79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500		79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4000		82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500		86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000		96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500		97.2	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000		97.8	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500		98.1	99.6	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200		98.4	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		98.4	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		98.4	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		98.4	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700		98.5	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		98.5	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		98.5	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		98.5	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.5	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.5	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.5	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 0P2270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000		66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 18000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000		67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.6
GE 14000		68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000		68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000		69.7	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000		71.0	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 8000		77.3	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000		82.4	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000		82.6	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000		82.9	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4500		82.9	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000		87.0	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500		88.8	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000		95.7	96.3	96.6	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500		97.3	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000		97.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800		97.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500		97.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200		98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000		98.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900		98.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800		98.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700		98.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600		98.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500		98.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		98.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 20000		73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 18000		74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 16000		74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 14000		74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 12000		74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 10000		75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 9000		76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 8000		82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000		86.3	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 6000		86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 5000		86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500		86.9	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000		88.5	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500		89.9	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000		96.2	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500		96.6	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000		97.6	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800		97.6	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500		97.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200		98.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000		98.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		98.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		98.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700		98.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 35

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		58.4	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000		68.6	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 18000		69.2	69.7	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000		69.3	69.8	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000		69.4	69.9	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 12000		69.7	70.2	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 10000		70.9	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000		72.0	72.5	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000		77.8	78.4	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000		80.9	81.6	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000		81.1	81.8	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000		81.3	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500		81.3	82.0	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000		83.2	84.0	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500		84.9	85.6	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000		91.7	92.7	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500		92.9	94.0	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000		94.4	95.6	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500		94.6	95.8	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200		95.3	96.6	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000		95.6	96.9	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900		96.0	97.4	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800		96.0	97.4	98.6	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500		96.1	97.5	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400		96.1	97.6	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300		96.1	97.6	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200		96.2	97.7	99.0	99.3	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 150		96.2	97.7	99.1	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100		96.2	97.7	99.1	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 50		96.2	97.7	99.1	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		96.2	97.7	99.1	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.2	97.7	99.1	99.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7456

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		60.0	60.0	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 20000		68.1	68.1	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 18000		68.6	68.6	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000		68.6	68.6	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000		68.7	68.7	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000		68.9	68.9	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000		70.4	70.4	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 9000		71.9	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 8000		79.1	79.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 7000		84.2	84.3	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 6000		84.9	85.0	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000		84.9	85.0	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4500		84.9	85.0	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000		86.5	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500		88.1	88.2	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000		93.1	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.
GE 2500		95.2	95.3	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000		96.1	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800		96.1	97.0	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500		96.7	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200		97.3	98.2	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.
GE 1000		97.7	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900		97.7	98.6	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800		97.6	98.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700		97.9	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		97.9	99.0	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		97.9	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 76-87
MONTH: APR HOURS(LST): [illegible]

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL		61.7	62.3	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	63.0	63.[illegible]	63.[illegible]	[illegible]	[illegible]
GE 20000		67.7	68.3	68.5	68.9	68.9	69.9	68.9	68.9	68.9	68.9	69.[illegible]	69.[illegible]	[illegible]	[illegible]	[illegible]
GE 18000		66.3	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	[illegible]	[illegible]
GE 16000		66.3	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	[illegible]	[illegible]
GE 14000		68.5	69.1	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	[illegible]	[illegible]
GE 12000		68.5	69.1	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	[illegible]	[illegible]
GE 10000		70.2	70.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.7	71.4	71.4	71.4	[illegible]	[illegible]
GE 9000		72.4	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	[illegible]	[illegible]
GE 8000		78.3	79.1	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	[illegible]	[illegible]
GE 7000		82.6	83.5	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.7	84.4	84.4	84.4	[illegible]	[illegible]
GE 6000		83.0	83.9	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	[illegible]	[illegible]
GE 5000		83.0	84.0	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	[illegible]	[illegible]
GE 4500		83.0	84.0	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	[illegible]	[illegible]
GE 4000		84.9	85.9	86.2	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	[illegible]	[illegible]
GE 3500		86.1	87.1	87.4	87.8	87.8	87.9	87.9	87.9	87.9	87.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000		93.4	94.5	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	[illegible]	[illegible]
GE 2500		94.9	96.1	96.7	97.[illegible]	97.0	97.1	97.1	97.1	97.1	97.1	97.[illegible]	97.2	97.[illegible]	[illegible]	[illegible]
GE 2000		95.7	96.9	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.[illegible]	98.[illegible]	98.[illegible]	[illegible]	[illegible]
GE 1500		95.7	96.9	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.[illegible]	98.[illegible]	[illegible]	[illegible]	[illegible]
GE 1000		96.6	97.8	98.3	98.[illegible]	98.9	98.9	98.9	98.9	98.9	98.9	99.[illegible]	99.[illegible]	[illegible]	[illegible]	[illegible]
GE 500		96.9	98.1	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	[illegible]	[illegible]
GE 300		97.1	98.3	98.9	99.[illegible]	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	[illegible]	[illegible]
GE 200		97.1	98.3	98.9	99.[illegible]	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	[illegible]	[illegible]
GE 150		97.1	98.3	98.9	99.[illegible]	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	[illegible]	[illegible]
GE 100		97.1	98.3	98.9	99.7	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	[illegible]	[illegible]
GE 70		97.1	98.3	98.9	99.[illegible]	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	[illegible]	[illegible]
GE 50		97.1	98.4	99.[illegible]	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	[illegible]	[illegible]
GE 40		97.2	98.4	99.[illegible]	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	[illegible]	[illegible]
GE 30		97.[illegible]	98.4	99.[illegible]	99.4	99.4	99.7	99.7	99.7	99.7	99.9	1[illegible]	1[illegible]	[illegible]	1[illegible]	[illegible]
GE 20		97.[illegible]	98.4	99.[illegible]	99.4	99.4	99.7	99.7	99.7	99.7	99.9	1[illegible]	1[illegible]	[illegible]	1[illegible]	[illegible]
GE 10		97.2	98.4	99.[illegible]	99.4	99.4	99.7	99.7	99.7	99.7	99.9	1[illegible]	1[illegible]	1[illegible]	1[illegible]	1[illegible]
0		97.[illegible]	98.4	99.[illegible]	99.4	99.4	99.7	99.7	99.7	99.7	99.9	1[illegible]	1[illegible]	1[illegible]	1[illegible]	1[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible] AB SPAIN

PERIOD OF RECORD: 76-87
MONTH: APR HOURS(LST): 0600-0800

VISIBILITY IN HUNDREDS OF METERS

CEILING IN FEET	[illegible]	GE [illegible]	GE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	GE [illegible]	GE [illegible]	GE 16	GE 12	GE 10	GE 8	GE 5	[illegible]	GE 0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.9	56.0	56.0	56.0	56.1	56.1	56.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.2	64.5	64.4	64.4	64.4	64.6	64.6	64.7
[illegible]	[illegible]	[illegible]	63.1	63.7	[illegible]	64.2	64.3	64.6	64.6	64.7	64.8	64.8	64.8	64.9	64.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.1	64.2	64.3	64.6	64.6	64.7	64.8	64.8	64.8	64.9	64.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.7	64.7	64.8	64.9	64.9	64.9	65.0	65.0	65.1
[illegible]	[illegible]	[illegible]	63.4	[illegible]	[illegible]	[illegible]	64.7	64.9	64.9	65.0	65.1	65.1	65.1	65.2	65.2	65.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.6	66.6	66.7	66.8	66.8	66.8	66.9	66.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	67.4	[illegible]	[illegible]	68.1	[illegible]	68.3	68.4	68.6	68.6	68.6	68.7	68.7	68.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.1	75.1	75.2	75.3	75.3	75.3	75.4	75.4	75.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.4	79.4	79.4	79.6	79.6	79.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.6	79.7	79.7	[illegible]	79.9	79.9	79.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.2	80.2	[illegible]	80.3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	81.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.9	83.9	83.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.1	85.2	85.2	85.2	85.3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.1	[illegible]	[illegible]	[illegible]	93.3	93.3	93.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.1	95.1	[illegible]	[illegible]	95.3	95.3	95.4	95.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.7	95.7	95.8	95.9	95.9	95.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.8	95.9	[illegible]	[illegible]	[illegible]	96.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.4	97.4	97.6	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.8	97.8	[illegible]	[illegible]	[illegible]	[illegible]	98.1	98.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.4	98.4	[illegible]	98.7	98.7	98.7	[illegible]	98.8	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.4	98.4	98.6	98.7	98.7	98.7	98.8	98.8	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.7	98.7	[illegible]	[illegible]	98.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.7	98.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.7	98.7	98.8	[illegible]	98.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.1	99.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.1	[illegible]	99.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.1	[illegible]	99.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.1	[illegible]	99.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: [illegible]
MONTH: APR HOURS: [illegible]

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL		48.4	49.3	49.7	50.0	50.0	50.1	50.1	50.1	50.1	50.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000		61.0	61.9	62.6	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.[illegible]	[illegible]	[illegible]	[illegible]
GE 18000		61.6	62.4	63.2	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.[illegible]	[illegible]	[illegible]
GE 16000		61.7	62.6	63.3	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1	[illegible]	[illegible]
GE 14000		61.7	62.6	63.3	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.[illegible]	64.[illegible]	[illegible]	[illegible]
GE 12000		61.7	62.6	63.3	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.[illegible]	64.1	[illegible]	[illegible]
GE 10000		63.3	64.2	65.0	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	[illegible]	[illegible]	[illegible]
GE 9000		65.0	65.9	66.7	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4	[illegible]	[illegible]
GE 8000		71.4	72.6	73.3	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.[illegible]	74.1	[illegible]	[illegible]
GE 7000		74.7	75.9	76.8	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.[illegible]	[illegible]	[illegible]
GE 6000		74.8	76.0	77.0	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8	[illegible]	[illegible]
GE 5000		75.0	75.2	77.3	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	[illegible]	[illegible]
GE 4500		75.1	76.3	77.7	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.4	[illegible]	[illegible]
GE 4000		78.0	79.3	80.7	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.[illegible]	[illegible]
GE 3500		80.0	81.3	82.8	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.[illegible]	[illegible]
GE 3000		88.0	89.6	91.3	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1	[illegible]	[illegible]
GE 2500		89.2	90.9	92.6	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	[illegible]
GE 2000		90.3	92.1	94.1	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.[illegible]	[illegible]
GE 1500		90.3	92.1	94.2	94.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2	[illegible]
GE 1000		91.4	93.3	95.7	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.7	[illegible]
GE 900		92.3	94.2	96.7	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7	[illegible]
GE 800		92.8	94.8	97.2	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	[illegible]
GE 700		93.0	95.0	97.8	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.[illegible]	[illegible]
GE 600		93.0	95.0	97.8	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.[illegible]	[illegible]
GE 500		93.1	95.1	97.9	98.7	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.[illegible]	[illegible]
GE 400		93.1	95.1	97.9	98.7	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	[illegible]
GE 300		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	[illegible]
GE 200		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	[illegible]
GE 150		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	[illegible]
GE 100		93.1	95.1	97.9	98.8	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.6	[illegible]
GE 50		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.6	[illegible]
GE 0		93.1	95.1	97.9	98.8	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.6	100.0

NUMBER OF OBSERVATIONS: 900

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): [illegible]

VISIBILITY IN HUNDREDS OF METERS

CEILING (FEET)	GE 16	GE 91	GE 8	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE [illegible]	GE 4	GE [illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]
[illegible]		[illegible]	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	[illegible]	[illegible]	[illegible]
[illegible]		59.[illegible]	61.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		59.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.6	[illegible]	60.6	[illegible]	60.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	62.7	62.7	[illegible]	62.7	[illegible]	63.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		64.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.3	[illegible]	65.3	65.3	65.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	74.1	[illegible]	[illegible]	[illegible]	[illegible]	74.6	74.6	74.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	78.5	[illegible]	[illegible]	[illegible]	[illegible]	79.3	79.3	79.3	79.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	79.9	[illegible]	[illegible]	[illegible]	[illegible]	80.3	[illegible]	80.3	[illegible]	80.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		83.6	83.9	[illegible]	[illegible]	[illegible]	84.5	84.5	[illegible]	84.5	84.5	84.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	87.9	[illegible]	[illegible]	[illegible]	88.5	[illegible]	[illegible]	88.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	95.6	[illegible]	[illegible]	[illegible]	[illegible]	96.9	[illegible]	96.9	96.9	[illegible]	96.9	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	97.9	[illegible]	[illegible]	[illegible]	[illegible]	98.9	98.9	98.9	98.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.6	99.5	[illegible]	[illegible]	99.8	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.6	99.5	[illegible]	[illegible]	[illegible]	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.6	[illegible]	[illegible]	[illegible]	99.8	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.6	[illegible]	[illegible]	[illegible]	99.8	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.6	[illegible]	[illegible]	[illegible]	[illegible]	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.6	[illegible]	[illegible]	[illegible]	[illegible]	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	98.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

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GLOBAL CLIMATOLOGY BRANCH          PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC                                          FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 08227   STATION NAME: TORREJON AB SPAIN                     PERIOD OF RECORD: [illegible]
                                                                              MONTH: AUG    HOURS (LST): [illegible]
.......................................................................................................
CEILING                                    VISIBILITY IN HUNDREDS OF METERS
  IN     [illegible]
 FEET    [illegible]
.......................................................................................................
[illegible]
.......................................................................................................
TOTAL NUMBER OF OBSERVATIONS [illegible]
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[illegible] CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-[illegible]
MONTH: MAY HOURS(LST): [illegible]

[illegible]	VISIBILITY IN HUNDREDS OF METERS														
[illegible]	GE [illegible]	GE 8	GE [illegible]	GE 48	GE 4[illegible]	GE 32	GE 24	GE [illegible]	GE 16	GE 12	GE 1[illegible]	GE 8	GE [illegible]	GE 4	GE [illegible]
[illegible]	56.	56.	56.8	[illegible]	[illegible]	[illegible]	57.0	[illegible]	57.0	[illegible]	[illegible]	57.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	65.6	67.3	67.4	67.4	[illegible]	67.5	67.5	[illegible]	67.5	67.5	[illegible]	67.	[illegible]	[illegible]
[illegible]	65.1	67.3	68.1	[illegible]	68.2	[illegible]	68.3	68.3	68.3	[illegible]	68.3	[illegible]	[illegible]	68.4	68.4
[illegible]	65.1	67.3	68.1	68.	68.2	68.3	[illegible]	68.3	68.3	68.3	68.3	68.3	[illegible]	68.4	68.4
[illegible]	65.1	67.3	68.1	[illegible]	68.2	[illegible]	[illegible]	68.3	[illegible]	[illegible]	68.3	[illegible]	[illegible]	[illegible]	68.4
[illegible]	[illegible]	67.4	68.	[illegible]	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	[illegible]	[illegible]
[illegible]	66.4	69.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.1	[illegible]	[illegible]	70.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	71.4	[illegible]	[illegible]	[illegible]	[illegible]	72.4	[illegible]	72.4	72.4	72.4	72.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	78.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	85.7	[illegible]	[illegible]	87.9	87.9	87.9	87.9	87.9	87.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	79.7	[illegible]	81.9	[illegible]	88.	88.1	88.1	88.1	88.1	88.1	88.1	88.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	82.7	84.	86.1	86.1	[illegible]	[illegible]	[illegible]	[illegible]	86.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	86.	[illegible]	[illegible]	86.4	86.4	86.4	86.4	86.4	86.4	86.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	84.6	[illegible]	[illegible]	[illegible]	86.3	86.3	86.3	[illegible]	86.3	86.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	84.7	87.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	94.7	[illegible]	[illegible]	[illegible]	[illegible]	95.	[illegible]	[illegible]	95.	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	95.8	96.1	[illegible]	[illegible]	96.5	96.5	[illegible]	96.5	96.5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	97.	97.2	[illegible]	97.3	[illegible]	97.3	97.3	97.3	97.3	97.3	97.4	97.4
[illegible]	[illegible]	[illegible]	[illegible]	97.	[illegible]	97.5	97.5	97.5	[illegible]	97.5	[illegible]	97.5	[illegible]	97.6	[illegible]
[illegible]	[illegible]	[illegible]	97.6	97.	[illegible]	[illegible]	[illegible]	98.4	98.4	98.4	98.4	98.4	98.4	[illegible]	[illegible]
[illegible]	[illegible]	95.6	[illegible]	[illegible]	[illegible]	[illegible]	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	[illegible]
[illegible]	[illegible]	96.	[illegible]	98.	[illegible]	[illegible]	98.9	[illegible]	[illegible]	[illegible]	99.0	[illegible]	99.	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.	[illegible]	[illegible]	99.0	[illegible]	[illegible]	99.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.	99.1	99.4	[illegible]	[illegible]	99.5	99.5	[illegible]	99.5	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.6	[illegible]	99.6	99.6	[illegible]	99.6	99.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	[illegible]
[illegible]	[illegible]	96.6	[illegible]	[illegible]	[illegible]	99.6	99.8	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	96.6	98.7	[illegible]	[illegible]	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	98.7	[illegible]	[illegible]	[illegible]	99.8	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	[illegible]
[illegible]	[illegible]	96.6	98.7	[illegible]	[illegible]	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	[illegible]
[illegible]	[illegible]	[illegible]	98.	[illegible]	[illegible]	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

[illegible] OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		51.7	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000		63.0	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000		63.4	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000		63.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000		63.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 12000		64.0	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 10000		65.1	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 9000		67.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000		75.6	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 7000		78.8	80.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 6000		78.9	80.5	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 5000		79.1	80.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4500		79.1	80.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000		80.8	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500		83.8	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000		90.2	92.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500		93.0	94.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000		94.2	95.2	97.6	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800		94.5	95.6	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500		94.7	96.8	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200		94.8	96.9	98.9	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		94.8	96.9	98.9	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		94.8	96.9	98.9	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		94.9	97.1	99.0	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700		94.9	97.1	99.0	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		94.9	97.1	99.1	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE [illegible]
NO CEIL		46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 20000		57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 18000		58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 16000		58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 14000		58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000		59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000		61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000		64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000		73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 7000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 6000		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 5000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000		80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3500		85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000		95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500		98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000		99.0	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800		99.0	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500		99.0	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

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[illegible] CLIMATOLOGY BRANCH          PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible]                                            FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: [illegible]  STATION NAME: [illegible] AB SPAIN                    PERIOD OF RECORD: [illegible]
                                                                                   MONTH: MAY    HOURS(LST): [illegible]
...................................................................................................................
CEILING                                         VISIBILITY IN HUNDREDS OF METERS
[illegible]
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[illegible]
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[illegible] OBSERVATIONS
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AD-A186 769 TORREJON AB SPAIN REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 13 AUG 87 3/3

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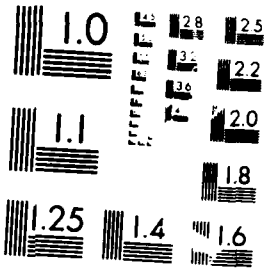

MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		52.6	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000		64.5	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 18000		65.2	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000		65.4	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000		65.5	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1
GE 12000		65.8	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4
GE 10000		67.1	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 9000		69.3	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 8000		77.6	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000		80.8	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000		81.3	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000		81.6	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500		81.6	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000		84.4	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500		88.0	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000		95.0	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
GE 2500		96.7	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000		97.3	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800		97.4	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500		97.6	98.5	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200		97.7	98.5	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000		97.7	98.6	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		97.7	98.6	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 800		97.7	98.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 700		97.8	98.7	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		97.8	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 500		97.8	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		97.8	98.8	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		97.8	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		97.8	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		97.8	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		97.8	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 20000		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 18000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 16000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 14000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 12000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 10000		90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 9000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 8000		95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 7000		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 6000		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 5000		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4500		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4000		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	GT 16	GE 9	GE 8	GE 6	GE 4	GE 4	GE 3	GE 2	GE 2	GE 1	GE 1	GE 1	GE 8	GE 5	GE 4	GE 0
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 20000		87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 18000		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 16000		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 14000		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 12000		87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 10000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 9000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 8000		94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 7000		95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 6000		95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 5000		95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4500		95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4000		96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3500		98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000		99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500		99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		70.4	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 20000		81.2	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 18000		81.2	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000		81.2	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 14000		81.2	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 12000		81.4	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 10000		81.9	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 9000		83.2	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 8000		88.8	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 7000		90.8	91.6	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 6000		91.0	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 5000		91.1	91.9	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4500		91.1	91.9	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4000		94.2	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500		96.0	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000		97.7	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500		97.9	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.2	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 20000		80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 18000		80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 16000		80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 14000		80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 12000		81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 10000		82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 9000		84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 8000		90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 7000		92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 6000		92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 5000		92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4500		92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4000		94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3500		96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000		98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500		99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800		99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000		79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 18000		79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 16000		79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 14000		79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 12000		80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 10000		81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 9000		82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 8000		87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 7000		88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 6000		89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 5000		89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4500		89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4000		91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500		96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000		99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500		99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1100		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 20000		78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 18000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 16000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 14000		79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 12000		79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 10000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 9000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 8000		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 7000		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 6000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4500		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4000		92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3500		95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000		99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500		99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 20000		79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 18000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 16000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 14000		81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 12000		81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 10000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 9000		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 8000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 7000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 6000		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 5000		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4000		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3500		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000		99.3	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500		99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800		99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET		VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 49	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 20000		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 18000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 16000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 14000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 12000		84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 10000		85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 9000		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 8000		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 7000		94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 6000		94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4500		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4000		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3500		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000		99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500		99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 20000		82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000		82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 16000		82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 14000		82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 12000		83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 10000		84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 9000		85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 8000		90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 7000		92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 6000		92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 5000		92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4500		92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4000		94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3500		96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000		99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500		99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2000		99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE [illegible]
NO CEIL		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 20000		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 16000		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 14000		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 12000		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 10000		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 9000		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 8000		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 7000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 6000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 5000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4500		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3500		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2500		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 6[illegible]70 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0300-0500

CEILING IN FEET	GE 10	GE 9	GE 8	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1	GE 0	GE 0	GE 0	GE 0	GE 0	GE 0
	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 30	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	
NO CEIL	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 20000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 18000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 16000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 14000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 12000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 10000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 9000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 8000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 7000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 6000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 5000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 4500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 4000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 3500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 20000		93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 18000		93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 16000		93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 14000		93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 12000		93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 10000		94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 9000		95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 8000		98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 7000		98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 6000		98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 5000		96.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4500		98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4000		98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3500		99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 3000		99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500		99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 20000		92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 18000		93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 16000		93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 14000		93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 12000		93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 10000		93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 9000		94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 8000		97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 7000		98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 6000		98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 5000		98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4500		98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4000		98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3500		98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 20000		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 18000		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 16000		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 14000		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 12000		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 10000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 9000		92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 8000		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 7000		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 6000		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 5000		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4500		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3500		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 20000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 18000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 16000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 14000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 12000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 10000		92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 9000		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 8000		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 7000		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 6000		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 5000		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4500		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3500		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 20000		91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 18000		91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 16000		91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 14000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 12000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 10000		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 9000		93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 8000		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 7000		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 6000		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 5000		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4500		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4000		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 20000		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 18000		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 16000		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 14000		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 12000		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 10000		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 9000		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 8000		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 7000		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 6000		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 5000		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4500		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4000		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3500		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3000		99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500		99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 20000		92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 18000		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 16000		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 14000		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 12000		93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 10000		93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 9000		94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 8000		96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 7000		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 6000		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 5000		97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4500		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4000		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3500		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 3000		99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500		99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7407

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 20000		94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 18000		94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 16000		94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 14000		94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 12000		94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 10000		94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 9000		96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 8000		97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 7000		98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 6000		98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 5000		98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 4500		98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 4000		98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3500		98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3000		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 20000		94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 18000		94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 16000		94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 14000		94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 12000		94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 10000		95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 9000		96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 8000		98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 7000		98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 6000		98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 5000		98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 4500		98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 4000		99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 3500		99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 3000		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 2
NO CEIL		86.9	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 25000		92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 18000		92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 16000		92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 14000		92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 12000		92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 10000		93.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 9000		94.5	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 8000		96.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 7000		97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 6000		97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 5000		97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 4500		97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4000		98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3500		98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000		99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500		99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2000		92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800		93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1600		93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1400		93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200		93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000		93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 900		95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800		96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700		97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600		97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500		97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 450		97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400		98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 350		98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 20000		90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 18000		91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 16000		91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 14000		91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 12000		91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 10000		92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 9000		93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 8000		94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 7000		95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 6000		95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 5000		95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4500		95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4000		96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3500		97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3000		99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500		99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2000		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 20000		87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 18000		88.0	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 16000		88.0	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 14000		88.0	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 12000		88.4	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 10000		90.6	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 9000		91.0	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 8000		94.0	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 7000		94.5	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 6000		94.5	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 5000		94.7	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4500		94.8	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 4000		95.9	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500		97.7	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3000		99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500		99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN — PERIOD OF RECORD: 77-81
MONTH: ALL — PRESENTED: 18-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 20000		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 18000		89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 16000		89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 14000		89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 12000		90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 10000		91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 9000		92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 8000		95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 7000		95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 6000		95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 5000		96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4500		96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4000		97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3500		98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3000		99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	GT 100	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 20000		93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 18000		93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 16000		93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 14000		93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 12000		93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 10000		93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 9000		94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 8000		97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 7000		97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 6000		97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 5000		98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4500		98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4000		98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3500		98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000		99.2	99.4	99.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 20000		91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 18000		92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 16000		92.0	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 14000		92.0	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 12000		92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 10000		93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 9000		94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 8000		96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 7000		96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 6000		96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 5000		97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 4500		97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4000		97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3500		98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000		99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500		99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 20000		89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 18000		89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 16000		89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 14000		90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 12000		90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 10000		90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 9000		91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 8000		95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 7000		96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 6000		96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 5000		96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4500		96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4000		97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3500		97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3000		99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500		99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2000		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 20000		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 18000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 16000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 14000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 12000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 10000		92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 9000		93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 8000		95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 7000		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 6000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 5000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4500		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4000		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000		98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500		98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000		99.0	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800		99.0	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500		99.0	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200		99.0	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		99.0	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		99.0	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		99.0	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700		99.0	99.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		99.0	99.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		99.0	99.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		99.0	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.0	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.0	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.0	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.0	99.1	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	.1	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 20000	.1	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 18000	.1	85.8	85.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 16000	.1	85.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 14000	.1	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 12000	.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 10000	.1	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 9000	.1	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 8000	.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 7000	.1	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 6000	.1	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 5000	.1	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4500	.1	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 4000	.1	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3500	.1	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000	.1	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	.1	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	.1	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	.1	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	.1	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	.1	98.7	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	.1	98.7	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	.1	98.7	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	.1	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	.1	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	.1	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.1	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.1	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.1	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.1	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.1	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.1	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 49	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 20000		85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 18000		85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 16000		85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 14000		85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 12000		86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 10000		86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 9000		88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 8000		92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 7000		92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 6000		92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 5000		92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4500		92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4000		93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3500		95.1	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000		97.4	97.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500		97.7	97.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000		97.8	97.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800		97.9	97.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500		98.0	98.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200		98.1	98.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000		98.1	98.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900		98.1	98.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800		98.1	98.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		98.1	98.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		98.1	98.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		98.1	98.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		98.1	98.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.1	98.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.1	98.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.1	98.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.1	98.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE
NO CEIL		76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 20000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 18000		86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 16000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 14000		87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 12000		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 10000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 9000		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 8000		92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 7000		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 6000		92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 5000		93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4500		93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4000		94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500		96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3000		98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500		98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000		99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 22000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 18000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 16000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 14000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 12000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 10000	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.8	88.8	88.8	88.8	88.8
GE 9000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 8000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 7000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 6000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4500	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4000	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3500	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3000	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 20000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 18000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 16000		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 14000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 12000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 10000		89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 9000		90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 8000		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 7000		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 6000		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 5000		95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4500		95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4000		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3500		97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3000		99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500		99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 20000		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 18000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 16000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 14000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 12000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 10000		89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 9000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 8000		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 7000		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 6000		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 5000		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4500		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4000		97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3500		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000		99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		99.9	100.0	100.0	100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	GT 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL	.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 20000	.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 18000	.0	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 16000	.0	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 14000	.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 12000	.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 10000	.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 9000	.0	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 8000	.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 7000	.0	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 6000	.0	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 5000	.0	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4500	.0	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4000	.0	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3500	.0	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3000	.0	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500	.0	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2000	.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	.0	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	.0	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	.0	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	.0	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	.0	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	.0	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	.0	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.0	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.0	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.0	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.0	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.0	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 20000		81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 18000		82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 16000		82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 14000		82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 12000		82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 10000		82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 9000		83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000		88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 7000		91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 6000		91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 5000		91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4500		91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4000		92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3500		95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000		97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500		98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000		98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800		98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500		98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200		99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700		99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600		99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500		99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400		99.2	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.2	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.2	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.2	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.2	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 20000		80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 18000		80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 16000		80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 14000		80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.6
GE 12000		80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.6
GE 10000		81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 9000		83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 8000		87.8	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.3	88.0	88.0
GE 7000		89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 6000		90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 5000		90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4500		90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000		91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500		93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000		96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500		97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000		97.6	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800		97.6	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500		97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200		98.2	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000		98.3	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900		98.4	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800		98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700		98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600		98.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		98.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		98.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300		98.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	62.7	63.1	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 20000	72.4	72.8	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 18000	72.4	72.8	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 16000	72.4	72.8	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 14000	72.5	72.9	73.4	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 12000	72.7	73.1	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 10000	74.2	74.6	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	77.1	77.5	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 8000	83.2	83.9	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 7000	85.6	85.2	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	85.7	86.3	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 5000	86.0	86.7	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	86.0	86.7	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	87.4	88.1	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	89.7	90.3	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	93.0	93.7	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	94.0	94.6	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	95.2	95.4	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	95.2	95.8	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	95.5	96.1	97.0	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	96.0	96.7	97.6	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	96.1	96.8	97.7	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	96.1	96.8	98.1	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	96.1	96.8	98.2	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	96.1	96.8	98.3	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	96.2	96.9	98.5	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.2	96.9	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.2	96.9	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	96.2	96.9	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	96.2	96.9	98.5	99.1	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	96.2	96.9	98.5	99.1	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	96.2	96.9	98.5	99.1	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		55.1	56.8	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000		65.4	67.1	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 18000		66.2	68.0	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000		66.2	68.0	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000		66.2	68.0	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000		66.5	68.2	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000		67.8	69.6	70.5	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000		70.6	72.4	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 8000		75.7	77.4	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 7000		78.5	80.2	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000		78.7	80.4	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000		79.2	81.0	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500		79.5	81.2	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000		81.6	83.3	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500		84.1	86.1	87.6	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3000		89.5	91.5	93.2	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500		90.8	92.8	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000		91.1	93.3	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800		91.3	93.5	95.5	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500		92.3	94.7	96.7	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200		92.6	95.2	97.2	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000		92.9	95.5	97.8	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900		92.9	95.5	98.0	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800		93.0	95.6	98.2	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700		93.0	95.6	98.2	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600		93.0	95.6	98.2	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500		93.0	95.7	98.4	99.0	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400		93.0	95.7	98.4	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		93.0	95.7	98.4	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		93.0	95.7	98.4	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		93.0	95.7	98.4	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		93.0	95.7	98.4	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		57.4	57.5	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000		69.9	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 18000		70.8	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 16000		71.1	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000		71.1	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 12000		71.2	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10000		72.8	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000		74.4	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000		79.4	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 7000		81.6	81.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000		81.8	82.2	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000		81.9	82.3	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500		82.0	82.4	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000		83.8	84.1	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500		86.9	87.5	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000		93.4	94.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500		95.1	95.8	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000		96.0	97.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800		96.1	97.1	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500		96.6	97.5	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200		97.2	98.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000		97.3	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		97.3	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		97.3	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		97.3	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		97.3	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		97.3	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		97.3	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		97.3	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		97.3	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		97.3	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		97.3	98.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 18000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 16000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 14000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 10000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 9000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 8000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4500	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3000	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	98.7	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	98.7	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	98.7	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.7	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.7	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	98.7	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	98.7	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	98.7	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.7	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.7	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.7	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.7	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.7	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL		65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 20000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 18000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 16000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 14000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 12000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 10000		76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 8000		84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000		87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 6000		88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 5000		88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4500		88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4000		90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500		93.1	93.2	93.3	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000		97.0	97.1	97.3	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500		97.3	97.4	97.6	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000		98.0	98.1	98.3	98.4	96.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800		98.0	98.1	98.3	98.4	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500		98.7	98.8	99.0	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200		98.8	98.9	99.1	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		98.8	98.9	99.1	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		98.8	98.9	99.1	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		98.8	98.9	99.2	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700		98.8	98.9	99.2	99.4	99.4	99.5	99.8	99.8	99.8	99.9	99.8	99.8	99.8	99.8	99.8
GE 600		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.8	99.0	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 20000		79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 18000		79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 16000		79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 14000		79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 12000		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 10000		80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 9000		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 8000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 7000		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 6000		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 5000		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 4500		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 4000		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3500		95.3	95.3	95.4	95.4	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000		98.1	98.1	98.2	98.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2500		98.3	98.3	98.5	98.5	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000		98.6	98.7	98.9	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800		98.6	98.7	98.9	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500		98.9	99.0	99.2	99.2	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200		99.0	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		99.0	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		99.0	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		99.0	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700		99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		99.1	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.1	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	GT 160	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		64.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 20000		74.3	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000		74.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 16000		74.9	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 14000		74.9	75.2	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 12000		75.1	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000		76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 9000		78.1	78.4	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000		83.4	83.8	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 7000		86.3	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 6000		86.6	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 5000		86.8	87.1	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500		86.8	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000		88.3	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500		90.8	91.3	91.8	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000		95.1	95.6	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500		96.0	96.5	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000		96.7	97.3	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800		96.8	97.4	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1600		97.2	97.8	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200		97.5	98.1	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000		97.6	98.2	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900		97.6	98.3	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800		97.6	98.3	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700		97.6	98.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600		97.6	98.3	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500		97.6	98.4	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		97.6	98.4	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		97.6	98.4	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		97.6	98.4	99.3	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		97.6	98.4	99.3	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		97.6	98.4	99.3	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE [illegible]
NO CEIL		60.3	61.8	62.4	62.6	62.7	63.0	63.4	63.6	63.8	63.8	63.9	63.9	63.9	63.9	64.0
GE 20000		63.8	65.3	66.0	66.1	66.2	66.6	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.6
GE 18000		63.9	65.4	66.1	66.3	66.4	66.8	67.2	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.8
GE 16000		63.9	65.4	66.1	66.3	66.4	66.8	67.2	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.8
GE 14000		63.9	65.4	66.1	66.7	66.8	67.1	67.6	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.1
GE 12000		63.9	65.4	66.1	66.7	66.8	67.1	67.6	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.1
GE 10000		65.2	66.6	67.4	68.0	68.1	68.4	68.9	69.0	69.2	69.2	69.3	69.3	69.3	69.3	69.4
GE 9000		67.7	69.2	69.9	70.4	70.6	70.9	71.3	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.9
GE 8000		73.8	75.6	76.2	76.6	76.9	77.2	77.7	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.3
GE 7000		74.3	75.1	76.6	77.4	77.6	78.0	78.4	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.2
GE 6000		74.8	76.6	77.2	77.9	78.0	78.4	78.9	79.2	79.4	79.6	79.7	79.7	79.7	79.7	79.8
GE 5000		75.4	77.2	77.9	78.6	78.7	79.1	79.6	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.4
GE 4500		75.4	77.2	77.9	78.6	78.7	79.1	79.6	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.4
GE 4000		76.0	77.9	78.6	79.2	79.3	79.8	80.2	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.1
GE 3500		78.3	80.2	80.9	81.6	81.7	82.1	82.6	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.4
GE 3000		84.3	85.2	86.4	87.0	87.7	88.1	88.7	89.0	89.3	89.4	89.6	89.6	89.6	89.6	89.7
GE 2500		86.0	87.9	88.8	89.4	89.6	90.1	90.7	91.0	91.3	91.4	91.6	91.6	91.6	91.6	91.7
GE 2000		87.4	89.7	90.9	91.8	91.9	92.8	93.3	93.7	94.1	94.2	94.3	94.3	94.3	94.3	94.4
GE 1800		87.7	89.9	91.1	92.0	92.1	93.0	93.6	93.9	94.3	94.4	94.6	94.6	94.6	94.6	94.7
GE 1500		88.3	90.9	92.3	93.2	93.3	94.2	94.8	95.1	95.6	95.7	95.8	95.8	95.8	95.8	95.9
GE 1200		88.4	91.0	92.6	93.4	93.6	94.4	95.0	95.3	95.8	95.9	96.0	96.0	96.0	96.0	96.1
GE 1000		88.9	92.0	93.9	94.9	95.0	95.9	96.6	96.9	97.3	97.4	97.6	97.6	97.6	97.6	97.7
GE 900		88.9	92.0	93.9	94.9	95.0	95.9	96.6	96.9	97.3	97.4	97.6	97.6	97.6	97.6	97.7
GE 800		88.9	92.0	93.9	94.9	95.0	96.1	96.8	97.1	97.7	97.8	97.9	97.9	97.9	97.9	98.0
GE 700		88.9	92.0	94.0	95.1	95.1	96.2	96.9	97.2	97.8	97.9	98.0	98.0	98.0	98.0	98.1
GE 600		88.9	92.0	94.1	95.2	95.3	96.4	97.1	97.4	98.0	98.2	98.3	98.3	98.4	98.4	98.6
GE 500		88.9	92.0	94.3	95.4	95.6	96.7	97.3	97.7	98.2	98.4	98.6	98.6	98.7	98.7	98.8
GE 400		88.9	92.0	94.3	95.6	95.7	96.9	97.6	97.9	98.4	98.7	98.8	98.8	98.9	98.9	99.1
GE 300		88.9	92.0	94.3	95.6	95.7	97.0	97.7	98.0	98.6	98.8	98.9	98.9	99.0	99.0	99.2
GE 200		88.9	92.0	94.3	95.6	95.7	97.0	97.7	98.1	98.9	99.1	99.2	99.2	99.4	99.6	99.8
GE 100		88.9	92.0	94.3	95.6	95.7	97.0	97.7	98.1	98.9	99.1	99.2	99.2	99.4	99.6	99.9
GE 0		88.9	92.0	94.3	95.6	95.7	97.0	97.7	98.1	98.9	99.1	99.2	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GE 160	GE 96	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 1
NO CEIL	58.0	59.6	60.1	60.7	61.9	61.4	61.7	61.8	61.9	61.9	62.0	62.1	62.2	62.2	62.2	
GE 20000	62.2	64.4	64.7	65.3	65.5	65.9	66.3	66.4	66.5	66.5	66.6	66.7	66.8	66.8	66.8	
GE 18000	62.4	64.5	64.8	65.4	65.6	66.0	66.4	66.5	66.6	66.6	66.7	66.8	66.9	66.9	66.9	
GE 16000	62.4	64.5	64.8	65.4	65.6	66.0	66.4	66.5	66.6	66.6	66.7	66.8	66.9	66.9	66.9	
GE 14000	62.4	64.5	64.8	65.4	65.6	66.1	66.5	66.6	66.7	66.7	66.8	66.9	67.0	67.0	67.0	
GE 12000	62.8	64.9	65.3	65.9	66.0	66.6	66.9	67.0	67.1	67.1	67.3	67.4	67.5	67.5	67.5	
GE 10000	63.8	65.9	66.5	67.0	67.3	67.8	68.2	68.3	68.4	68.4	68.5	68.6	68.7	68.7	68.7	
GE 9000	66.1	68.4	68.9	69.5	69.7	70.3	70.6	70.7	70.8	70.8	70.9	71.0	71.2	71.2	71.2	
GE 8000	71.5	73.7	74.3	74.5	75.1	75.6	75.9	76.1	76.2	76.2	76.3	76.4	76.5	76.5	76.5	
GE 7000	73.7	76.1	76.6	77.2	77.4	78.0	78.3	78.6	78.7	78.7	78.6	79.0	79.1	79.1	79.1	
GE 6000	73.9	76.5	77.1	77.6	77.8	78.4	78.7	79.1	79.2	79.2	79.3	79.4	79.5	79.5	79.5	
GE 5000	74.3	77.1	77.6	78.2	78.4	79.0	79.3	79.6	79.7	79.7	79.8	80.0	80.1	80.1	80.1	
GE 4500	74.3	77.1	77.6	78.2	78.4	79.0	79.3	79.6	79.7	79.7	79.8	80.0	80.1	80.1	80.1	
GE 4000	74.9	77.7	78.4	79.0	79.2	79.7	80.1	80.4	80.5	80.5	80.6	80.7	80.8	80.8	80.8	
GE 3500	76.2	79.0	79.6	80.2	80.4	81.0	81.3	81.6	81.7	81.7	81.8	82.0	82.1	82.1	82.1	
GE 3000	80.5	83.5	84.3	84.9	85.1	85.6	86.0	86.4	86.7	86.7	86.9	87.0	87.1	87.1	87.1	
GE 2500	82.7	85.1	86.9	87.4	87.6	88.2	88.5	89.0	89.3	89.3	89.4	89.5	89.6	89.6	89.6	
GE 2000	84.4	89.3	89.4	90.1	90.3	91.0	91.3	91.8	92.1	92.1	92.2	92.3	92.4	92.4	92.4	
GE 1800	84.6	88.5	89.6	90.3	90.5	91.2	91.5	92.0	92.3	92.3	92.4	92.5	92.7	92.7	92.7	
GE 1500	85.7	90.0	91.1	91.5	92.0	92.7	93.0	93.4	93.6	93.8	93.9	94.0	94.1	94.1	94.1	
GE 1200	85.9	90.2	91.5	92.2	92.5	93.2	93.7	94.1	94.4	94.4	94.5	94.7	94.8	94.8	94.8	
GE 1000	86.7	91.3	93.0	94.0	94.3	95.0	95.4	95.9	96.2	96.2	96.3	96.4	96.5	96.5	96.5	
GE 900	86.7	91.3	93.0	94.0	94.3	95.0	95.4	95.9	96.2	96.2	96.3	96.4	96.5	96.5	96.5	
GE 800	86.9	91.4	93.2	94.2	94.5	95.2	95.7	96.1	96.5	96.5	96.7	96.8	96.9	96.9	96.9	
GE 700	86.9	91.4	93.2	94.2	94.7	95.3	95.8	96.3	96.8	96.8	96.9	97.0	97.1	97.1	97.1	
GE 600	87.1	91.6	93.5	94.5	95.0	95.9	96.3	96.9	97.3	97.3	97.4	97.6	97.7	97.7	97.7	
GE 500	87.1	91.6	93.5	94.5	95.0	95.9	96.3	96.9	97.7	97.7	97.8	97.9	98.1	98.1	98.1	
GE 450	87.2	91.8	93.7	94.7	95.1	96.2	96.7	97.2	98.1	98.1	98.2	98.3	98.6	98.6	98.7	
GE 400	87.2	92.0	93.9	94.9	95.3	96.4	97.1	97.7	98.7	98.7	98.8	98.9	99.1	99.1	99.3	
GE 300	87.2	92.0	93.9	94.9	95.3	96.4	97.1	97.7	98.7	98.7	98.8	98.9	99.1	99.1	99.3	
GE 200	87.2	92.0	93.9	94.9	95.3	96.4	97.1	97.8	98.8	98.8	98.9	99.0	99.2	99.4	99.8	
GE 0	87.2	92.0	93.9	94.9	95.3	96.4	97.1	97.8	98.8	98.8	98.9	99.0	99.3	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	GE 160	GE 90	GE 80	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		53.7	55.3	57.0	57.4	57.6	57.6	57.8	58.0	58.0	58.0	58.0	58.0	58.2	58.3	58.4
GE 20000		58.3	60.6	62.4	62.4	63.1	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.6	63.7	63.8
GE 18000		58.7	61.1	62.8	63.3	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	64.1	64.2	64.3
GE 16000		58.7	61.1	62.8	63.3	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	64.1	64.2	64.3
GE 14000		58.7	61.1	62.6	63.3	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	64.1	64.2	64.3
GE 12000		59.1	61.4	63.2	63.8	63.6	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.4	64.5	64.6
GE 10000		60.5	62.6	64.6	65.1	65.3	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.9	66.0	66.1
GE 9000		62.4	64.7	66.5	67.0	67.2	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.7	67.9	68.0
GE 8000		66.9	69.5	71.3	71.7	72.0	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.5	72.6	72.7
GE 7000		69.2	71.9	73.7	74.3	74.4	74.4	74.6	74.7	74.7	74.7	74.7	74.7	75.0	75.1	75.2
GE 6000		69.4	72.1	74.1	74.5	74.7	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.3	75.4	75.5
GE 5000		69.7	72.5	74.5	75.0	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.8	75.9	76.0
GE 4500		69.9	72.6	74.6	75.1	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.9	76.0	76.1
GE 4000		71.0	73.9	76.0	76.4	76.6	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.2	77.3	77.4
GE 3500		72.1	75.0	77.1	77.5	77.8	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.3	78.4	78.5
GE 3000		77.4	80.4	82.5	83.1	83.3	83.4	83.9	84.0	84.0	84.0	84.0	84.0	84.2	84.3	84.4
GE 2500		79.6	82.9	85.3	85.9	86.1	86.2	86.7	86.8	86.8	86.8	86.8	86.8	87.0	87.1	87.2
GE 2000		81.4	85.1	88.1	88.7	88.9	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.8	89.9	90.0
GE 1800		81.4	85.1	88.1	88.7	88.9	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.8	89.9	90.0
GE 1500		82.3	86.2	89.3	89.9	90.1	90.2	90.7	90.8	90.8	90.8	90.8	90.8	91.0	91.1	91.2
GE 1000		82.8	86.9	90.1	90.8	91.1	91.2	91.8	91.9	91.9	91.9	91.9	91.9	92.1	92.2	92.3
GE 900		83.0	87.7	91.1	92.1	92.5	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.5	93.7	93.9
GE 800		83.0	87.7	91.1	92.1	92.8	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.8	93.9	94.1
GE 600		83.1	87.8	91.4	92.5	93.4	93.5	94.2	94.3	94.3	94.3	94.3	94.3	94.5	94.7	94.9
GE 500		83.3	89.0	91.9	93.[illegible]	94.0	94.2	95.1	95.2	95.2	95.2	95.2	95.2	95.4	95.6	95.8
GE 400		83.6	89.3	92.5	94.1	94.8	95.0	96.0	96.1	96.1	96.1	96.1	96.1	96.3	96.4	96.7
GE 300		83.6	88.3	92.7	94.[illegible]	94.9	95.1	96.1	96.2	96.3	96.3	96.3	96.3	96.7	96.8	97.0
GE 200		83.6	88.3	92.8	94.3	95.1	95.3	96.6	96.7	96.9	96.9	96.9	97.0	97.6	97.7	97.9
GE 100		83.6	88.3	92.8	94.3	95.1	95.3	96.7	97.0	97.2	97.2	97.3	97.4	98.1	98.2	98.7
GE 500		83.6	88.3	92.8	94.3	95.1	95.3	96.8	97.1	97.3	97.3	97.4	97.6	98.3	98.6	99.0
GE 100		83.6	88.3	92.8	94.3	95.1	95.3	96.8	97.1	97.3	97.3	97.4	97.6	98.4	98.7	99.6
GE 0		83.6	88.3	92.8	94.3	95.1	95.3	96.8	97.1	97.3	97.4	97.6	97.7	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		46.6	49.4	50.4	50.4	50.4	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0
GE 20000		52.2	55.0	58.2	58.4	58.4	58.6	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.1
GE 18000		52.4	55.2	58.6	58.8	58.8	58.9	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.4
GE 16000		52.4	55.2	58.6	58.8	58.8	58.9	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.4
GE 14000		52.4	55.2	58.6	58.8	58.8	58.9	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.4
GE 12000		52.6	55.3	58.7	58.9	58.9	59.0	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.6
GE 10000		54.3	57.1	60.7	60.9	60.9	61.0	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.6
GE 9000		56.1	58.9	62.6	62.8	62.8	62.9	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.4
GE 8000		60.3	63.2	67.0	67.2	67.2	67.3	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.9
GE 7000		62.8	65.0	69.8	70.1	70.1	70.2	70.4	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.8
GE 6000		63.3	66.7	70.4	70.8	70.8	70.9	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.4
GE 5000		63.6	66.9	70.7	71.0	71.0	71.1	71.3	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.7
GE 4500		63.7	67.0	70.8	71.1	71.1	71.2	71.4	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.8
GE 4000		65.3	69.2	73.0	73.3	73.3	73.4	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.0
GE 3500		67.7	71.6	75.4	75.8	75.9	76.0	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.6
GE 3000		74.0	78.0	82.4	82.8	82.9	83.1	83.4	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.9
GE 2500		75.6	79.7	84.9	85.3	85.4	85.7	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.4
GE 2000		77.4	81.8	87.2	87.6	87.9	88.3	88.8	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.3
GE 1500		77.6	81.9	87.6	88.1	88.3	88.8	89.3	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.9
GE 1500		77.7	82.2	88.1	88.7	88.9	89.3	89.9	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.4
GE 1200		78.1	82.7	88.9	89.6	89.8	90.2	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.6
GE 1000		78.4	83.0	89.8	90.8	91.0	91.6	92.4	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.0
GE 900		78.4	83.0	89.8	90.8	91.0	91.6	92.4	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.0
GE 800		78.8	83.6	90.4	91.7	91.9	92.4	93.3	93.8	93.9	93.9	94.0	94.1	94.1	94.1	94.2
GE 700		79.0	83.8	90.7	92.0	92.2	92.9	93.9	94.3	94.4	94.4	94.6	94.7	94.7	94.7	94.8
GE 600		79.1	83.9	90.8	92.3	92.7	93.3	94.7	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.6
GE 500		79.1	83.9	90.8	92.4	92.8	93.4	95.2	95.8	96.3	96.3	96.4	96.6	96.6	96.6	96.7
GE 400		79.1	83.9	90.8	92.6	92.9	93.7	95.4	96.0	96.8	96.8	96.9	97.0	97.0	97.0	97.1
GE 300		79.1	83.9	90.8	92.6	92.9	93.7	95.4	96.1	97.1	97.1	97.2	97.3	97.4	97.4	97.7
GE 200		79.1	83.9	90.8	92.6	92.9	93.7	95.4	96.2	97.2	97.2	97.4	97.6	97.8	97.8	98.3
GE 100		79.1	83.9	90.8	92.6	92.9	93.7	95.4	96.2	97.3	97.3	97.7	97.8	98.1	98.1	99.4
GE 0		79.1	83.9	90.8	92.6	92.9	93.7	95.4	96.2	97.3	97.3	97.7	97.8	98.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		51.0	51.6	52.9	53.0	53.1	53.3	53.3	53.3	53.3	53.4	53.4	53.6	53.6	53.6	53.6
GE 20000		58.3	59.6	61.4	61.6	61.7	61.9	61.9	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.1
GE 18000		58.6	59.8	61.7	61.8	61.9	62.1	62.1	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3
GE 16000		58.6	59.8	61.8	61.9	62.0	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4
GE 14000		58.6	59.8	61.9	62.0	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.6	62.6	62.6	62.6
GE 12000		58.9	60.1	62.2	62.3	62.4	62.7	62.7	62.7	62.7	62.8	62.8	62.9	62.9	62.9	62.9
GE 10000		60.4	61.7	63.9	64.0	64.1	64.3	64.3	64.3	64.3	64.4	64.4	64.6	64.6	64.6	64.6
GE 9000		61.8	63.2	65.6	65.7	65.8	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2
GE 8000		67.2	68.8	71.2	71.3	71.4	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9
GE 7000		70.2	71.8	74.2	74.3	74.4	74.7	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9
GE 6000		70.8	72.3	74.8	74.9	75.0	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 5000		70.8	72.3	74.8	74.9	75.0	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 4500		70.8	72.3	74.8	74.9	75.0	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 4000		72.4	74.0	76.7	76.8	76.9	77.1	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3
GE 3500		73.7	75.2	77.9	78.0	78.1	78.3	78.3	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6
GE 3000		80.6	82.1	85.1	85.3	85.4	85.7	85.7	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0
GE 2500		82.3	83.9	86.9	87.1	87.2	87.4	87.4	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8
GE 2000		84.9	86.9	90.3	90.6	90.8	91.0	91.0	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3
GE 1800		84.9	87.0	90.4	90.7	90.9	91.1	91.1	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.4
GE 1500		86.8	88.9	92.9	93.1	93.3	93.6	93.6	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9
GE 1200		87.3	89.7	94.0	94.7	94.9	95.1	95.1	95.2	95.3	95.4	95.4	95.6	95.6	95.6	95.6
GE 1000		87.4	89.6	94.4	95.1	95.3	95.6	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1
GE 900		87.6	89.9	94.7	95.4	95.7	95.9	96.1	96.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7
GE 800		87.9	90.2	95.2	96.1	96.3	96.6	96.8	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 700		88.0	90.3	95.7	96.6	97.0	97.2	97.8	98.1	98.3	98.4	98.4	98.6	98.6	98.6	98.6
GE 600		88.0	90.3	95.7	96.6	97.0	97.3	98.0	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 500		88.0	90.3	95.7	96.6	97.0	97.3	98.1	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.0
GE 400		88.0	90.3	95.7	96.7	97.1	97.6	98.3	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.3
GE 300		88.0	90.3	95.7	96.7	97.1	97.6	98.3	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 200		88.0	90.3	95.7	96.7	97.1	97.6	98.3	98.9	99.6	99.7	99.7	99.9	100.0	100.0	100.0
GE 100		88.0	90.3	95.7	96.7	97.1	97.6	98.3	98.9	99.6	99.7	99.7	99.9	100.0	100.0	100.0
GE 0		88.0	90.3	95.7	96.7	97.1	97.6	98.3	98.9	99.6	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		52.1	53.0	53.6	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 20000		62.7	63.9	64.4	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.8	64.8	64.6
GE 18000		62.9	64.1	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 16000		62.9	64.1	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000		63.0	64.2	65.0	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000		64.3	65.6	66.3	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000		66.6	67.8	68.7	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000		68.0	69.2	70.3	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000		71.9	73.2	74.3	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000		73.8	75.2	76.6	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6000		74.4	75.9	77.2	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000		75.0	75.4	77.6	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4500		75.1	76.6	77.9	78.3	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000		76.8	78.2	79.7	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500		77.9	79.3	80.8	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000		86.2	87.8	89.4	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500		87.9	89.4	91.1	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000		89.4	91.4	93.6	94.6	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800		89.6	91.6	93.8	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500		89.9	92.1	95.1	96.4	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000		90.0	92.3	95.7	97.3	97.4	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900		90.1	92.4	96.0	98.2	98.3	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800		90.1	92.6	96.1	98.4	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700		90.4	92.9	96.4	98.8	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		90.4	92.9	96.4	98.8	99.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
(SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 44	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		55.5	57.0	58.0	58.1	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000		62.1	63.7	64.8	65.[illegible]	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000		62.2	63.8	65.1	65.5	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000		62.3	64.0	65.2	65.6	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000		62.4	64.1	65.5	66.[illegible]	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000		62.7	64.4	65.9	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000		65.2	67.0	68.5	69.[illegible]	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 9000		67.5	69.3	70.9	71.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000		72.5	74.4	76.0	76.4	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000		74.7	76.6	78.3	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000		75.1	77.0	78.6	79.[illegible]	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000		75.4	77.3	79.0	79.5	79.5	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500		75.4	77.3	79.0	79.5	79.5	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000		77.4	79.4	81.2	82.1	82.1	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3500		78.6	80.6	82.4	83.[illegible]	83.3	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000		86.0	88.4	90.4	91.4	91.4	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500		87.1	89.7	91.9	92.9	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2000		87.9	90.7	93.2	94.[illegible]	94.4	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800		88.0	91.1	93.8	95.[illegible]	95.3	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500		88.3	91.7	94.5	96.[illegible]	96.4	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200		88.5	92.0	95.0	96.[illegible]	97.0	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000		88.9	92.5	96.0	97.9	98.1	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900		88.9	92.5	96.1	98.[illegible]	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800		89.1	92.6	96.3	98.[illegible]	98.4	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700		89.2	92.9	96.4	98.4	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		89.3	93.0	96.6	98.6	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): [illegible]

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL		60.4	61.8	62.6	62.8	62.8	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6
GE 22000		64.4	66.1	67.0	67.2	67.2	67.6	67.7	67.9	67.9	67.9	67.9	67.9	[illegible]	[illegible]	[illegible]
GE 18000		64.4	66.1	67.0	67.5	67.6	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
GE 16000		64.4	66.1	67.0	67.5	67.6	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
GE 14000		64.4	66.1	67.0	67.9	68.0	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7
GE 12000		64.5	66.2	67.1	69.0	68.1	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.9	68.9	68.9
GE 10000		66.4	68.1	69.0	69.9	70.0	70.4	70.5	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7
GE 9000		68.5	70.2	71.1	72.0	72.1	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9
GE 8000		73.7	75.4	76.3	77.2	77.3	77.8	79.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2
GE 7000		75.5	77.2	78.1	79.0	79.1	79.8	81.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2
GE 6000		76.3	78.0	78.9	79.8	79.9	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1
GE 5000		77.1	78.8	79.6	80.5	80.6	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9
GE 4500		77.2	78.9	79.8	80.6	80.8	81.5	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0
GE 4000		78.9	80.5	81.6	82.5	82.6	83.5	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0
GE 3500		80.1	81.8	83.0	83.9	84.0	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
GE 3000		86.0	87.8	89.1	90.0	90.1	91.2	91.7	91.9	91.9	91.9	91.9	91.9	92.0	92.0	[illegible]
GE 2500		87.2	89.0	90.4	91.3	91.4	92.5	93.0	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3
GE 2000		89.0	91.0	92.7	93.5	93.6	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7
GE 1500		89.1	91.1	92.8	93.7	93.9	95.0	95.4	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
GE 1000		89.7	91.9	93.6	94.7	95.1	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
GE 500		90.2	92.4	94.5	95.7	95.9	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
GE 200		90.3	92.7	95.0	96.1	96.3	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6
GE 150		90.3	92.7	95.0	96.1	96.3	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6
GE 100		90.5	92.9	95.3	96.4	96.7	97.9	98.4	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
GE 50		90.5	92.9	95.6	96.7	96.9	98.1	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1
GE 0		90.5	92.9	95.7	96.9	97.1	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
GE [illegible]		90.5	92.9	95.9	97.1	97.3	98.6	99.[illegible]	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 400		90.5	92.9	95.9	97.1	97.3	98.7	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300		90.5	92.9	95.9	97.1	97.3	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200		90.5	92.9	95.9	97.1	97.3	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100		90.5	92.9	95.9	97.1	97.3	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 0		90.5	92.9	95.9	97.1	97.3	98.7	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 869

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		54.7	56.4	57.1	57.3	57.4	57.7	57.8	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1
GE 20000		60.5	62.3	63.6	63.9	63.9	64.2	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.7
GE 18000		60.7	62.5	63.9	64.2	64.3	64.6	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.1
GE 16000		60.7	62.5	63.9	64.2	64.3	64.6	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.1
GE 14000		60.7	62.5	64.0	64.4	64.5	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.2
GE 12000		61.1	62.9	64.3	64.8	64.9	65.1	65.3	65.4	65.4	65.4	65.5	65.5	65.6	65.6	65.6
GE 10000		62.8	64.6	66.2	66.6	66.7	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4
GE 9000		64.8	66.6	68.2	68.6	68.7	69.0	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.5	69.5
GE 8000		69.7	71.7	73.3	73.8	73.9	74.1	74.3	74.4	74.4	74.5	74.5	74.5	74.6	74.6	74.6
GE 7000		71.8	73.9	75.5	76.0	76.1	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9
GE 6000		72.3	74.4	76.0	76.5	76.6	77.0	77.2	77.3	77.3	77.3	77.4	77.4	77.5	77.5	77.5
GE 5000		72.7	74.8	76.5	77.0	77.1	77.4	77.6	77.7	77.8	77.8	77.8	77.9	77.9	77.9	78.0
GE 4500		72.7	74.9	76.5	77.0	77.1	77.5	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.0	78.0
GE 4000		74.1	76.4	78.1	78.7	78.8	79.1	79.3	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.7
GE 3500		75.6	77.8	79.6	80.2	80.3	80.7	80.8	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.2
GE 3000		81.9	84.3	86.3	86.9	87.0	87.4	87.7	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.2
GE 2500		83.6	86.1	88.3	88.9	89.0	89.4	89.7	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.2
GE 2000		85.2	88.1	90.7	91.4	91.6	92.1	92.4	92.6	92.7	92.7	92.8	92.8	92.9	92.9	92.9
GE 1800		85.4	88.3	90.9	91.7	91.9	92.4	92.7	92.9	93.0	93.0	93.1	93.1	93.2	93.2	93.2
GE 1500		86.1	89.2	92.1	93.0	93.2	93.8	94.1	94.3	94.4	94.4	94.5	94.5	94.6	94.6	94.6
GE 1200		86.4	89.6	92.8	93.9	94.0	94.6	95.0	95.2	95.3	95.3	95.4	95.4	95.5	95.5	95.5
GE 1000		86.7	90.2	93.6	94.9	95.1	95.7	96.2	96.3	96.5	96.6	96.6	96.6	96.7	96.7	96.7
GE 900		86.7	90.2	93.7	95.0	95.2	95.8	96.3	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.9
GE 800		86.9	90.4	94.0	95.4	95.7	96.3	96.8	97.0	97.2	97.2	97.3	97.3	97.4	97.4	97.5
GE 700		87.0	90.5	94.2	95.6	95.9	96.6	97.2	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.9
GE 600		87.1	90.6	94.4	95.9	96.2	96.9	97.6	97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.3
GE 500		87.1	90.6	94.5	96.0	96.3	97.0	97.7	98.0	98.4	98.4	98.4	98.5	98.6	98.6	98.7
GE 400		87.1	90.6	94.5	96.1	96.4	97.2	97.9	98.2	98.6	98.7	98.7	98.8	98.9	98.9	99.0
GE 300		87.1	90.7	94.5	96.1	96.4	97.2	98.0	98.3	98.8	98.9	98.9	99.0	99.1	99.2	99.3
GE 200		87.1	90.7	94.5	96.1	96.4	97.2	98.0	98.4	98.9	99.0	99.1	99.1	99.3	99.4	99.6
GE 100		87.1	90.7	94.5	96.1	96.4	97.2	98.0	98.4	99.0	99.0	99.1	99.2	99.4	99.5	99.8
GE 0		87.1	90.7	94.5	96.1	96.4	97.2	98.0	98.4	99.0	99.0	99.1	99.2	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 7195

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-2300

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE [illegible]
		VISIBILITY IN HUNDREDS OF METERS														
NO CEIL		50.5	52.0	54.0	54.6	54.6	55.1	56.2	56.3	56.5	56.7	56.8	56.8	56.9	56.9	[illegible]
GE 20000		53.7	55.5	58.1	58.9	58.9	59.4	60.5	60.6	60.8	61.0	61.1	61.1	61.2	61.2	[illegible]
GE 18000		54.4	55.2	58.8	59.5	59.5	60.1	61.1	61.2	61.5	61.7	61.8	61.8	61.9	61.9	[illegible]
GE 16000		54.4	56.2	58.8	59.5	59.5	60.1	61.1	61.2	61.5	61.7	61.8	61.8	61.9	61.9	[illegible]
GE 14000		54.4	55.2	58.8	59.5	59.5	60.1	61.1	61.2	61.5	61.7	61.8	61.8	61.9	61.9	[illegible]
GE 12000		54.5	56.3	58.9	59.6	59.6	60.2	61.2	61.4	61.6	61.8	61.9	61.9	62.0	62.0	[illegible]
GE 10000		55.1	56.9	60.0	60.7	60.7	61.2	62.3	62.4	62.6	62.9	63.0	63.0	63.1	63.1	[illegible]
GE 9000		55.8	57.6	60.6	61.4	61.4	61.9	63.0	63.1	63.3	63.5	63.6	63.6	63.7	63.7	63.8
GE 8000		58.7	60.9	64.3	65.1	65.1	65.7	66.7	66.8	67.1	67.3	67.4	67.4	67.5	67.5	67.6
GE 7000		61.2	63.8	67.2	68.0	68.0	68.6	69.6	69.8	70.0	70.2	70.3	70.3	70.4	70.4	70.5
GE 6000		62.0	64.6	67.9	68.8	68.8	69.3	70.4	70.5	70.7	70.9	71.0	71.0	71.2	71.2	71.3
GE 5000		62.1	64.7	68.0	68.9	68.9	69.4	70.5	70.6	70.8	71.0	71.2	71.2	71.3	71.3	71.4
GE 4500		62.9	65.4	68.8	69.6	69.6	70.2	71.3	71.4	71.6	71.8	71.9	71.9	72.0	72.0	72.1
GE 4000		64.7	67.3	70.6	71.5	71.6	72.1	73.2	73.3	73.5	73.7	73.8	73.8	74.0	74.0	74.1
GE 3500		66.5	69.1	72.8	73.6	74.0	74.5	75.7	75.8	76.0	76.2	76.3	76.3	76.4	76.4	76.5
GE 3000		71.7	74.5	78.1	79.1	79.4	80.1	81.3	81.4	81.6	81.8	81.9	81.9	82.1	82.1	[illegible]
GE 2500		73.7	76.6	80.3	81.3	81.6	82.2	83.4	83.5	83.7	84.0	84.1	84.1	84.3	84.3	84.4
GE 2000		76.0	79.0	82.7	83.8	84.0	84.6	85.8	85.9	86.1	86.3	86.4	86.4	86.7	86.7	86.8
GE 1800		76.3	79.4	83.1	84.1	84.4	85.0	86.2	86.3	86.5	86.8	86.9	86.9	87.1	87.1	87.2
GE 1500		77.6	80.7	84.7	85.7	86.0	86.7	87.8	87.9	88.2	88.4	88.5	88.5	88.8	88.8	88.9
GE 1200		79.2	82.7	87.2	88.2	88.5	89.1	90.3	90.4	90.6	90.9	91.0	91.0	91.3	91.3	91.4
GE 1000		79.8	83.2	88.2	89.1	89.5	90.1	91.3	91.4	91.6	91.8	91.9	91.9	92.2	92.2	92.4
GE 900		79.8	83.2	88.4	89.3	89.7	90.3	91.5	91.6	91.8	92.0	92.1	92.1	92.5	92.5	92.6
GE 800		79.9	83.4	88.8	89.8	90.1	90.7	91.9	92.0	92.4	92.6	92.7	92.7	93.0	93.0	93.1
GE 700		80.0	83.5	89.1	90.2	90.5	91.5	92.7	92.8	93.1	93.3	93.4	93.4	93.8	93.8	94.0
GE 600		80.1	84.1	90.0	91.1	91.4	92.6	94.0	94.1	94.5	94.7	94.8	94.8	95.2	95.2	95.4
GE 500		80.1	84.2	90.1	91.3	91.6	92.8	94.2	94.3	94.7	94.9	95.0	95.0	95.4	95.4	95.6
GE 400		80.1	84.2	90.2	91.4	91.8	93.2	94.6	94.9	95.4	95.6	95.7	95.7	96.0	96.0	96.2
GE 300		80.1	84.2	90.3	91.5	92.0	93.4	95.2	95.5	95.9	96.1	96.2	96.2	96.6	96.6	96.8
GE 200		80.1	84.2	90.3	91.5	92.1	93.8	95.8	96.2	96.7	96.9	97.0	97.2	97.5	97.5	97.7
GE 100		80.1	84.2	90.3	91.5	92.2	93.9	95.9	96.4	96.9	97.1	97.2	97.4	97.8	98.1	98.4
GE 0		80.1	84.2	90.3	91.5	92.2	93.9	95.9	96.4	96.9	97.1	97.2	97.4	97.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 08270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

CEILING IN FEET	GE 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		46.7	49.4	51.0	51.8	52.2	52.3	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
[illegible]		52.6	54.3	57.1	58.2	56.5	58.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
[illegible]		53.1	54.8	57.6	58.7	59.0	59.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
[illegible]		53.1	54.8	57.6	58.7	59.0	59.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
[illegible]		53.1	54.8	57.6	58.7	59.0	59.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
[illegible]		53.2	54.9	57.7	58.8	59.1	59.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
[illegible]		53.9	55.6	58.6	59.7	60.0	60.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
[illegible]		54.6	56.3	59.5	60.5	60.9	61.0	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
[illegible]		58.3	60.2	63.8	65.2	65.6	65.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
[illegible]		61.7	64.0	67.6	69.0	69.5	69.6	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
[illegible]		61.9	64.2	68.0	69.4	69.8	69.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
[illegible]		61.9	64.2	68.0	69.4	69.8	69.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
[illegible]		62.7	65.2	68.9	70.3	70.8	70.9	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
[illegible]		64.2	66.7	70.4	71.8	72.3	72.4	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
[illegible]		66.0	68.5	72.5	73.9	74.5	74.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
[illegible]		71.2	74.0	78.2	79.6	80.2	80.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
[illegible]		73.9	76.8	81.1	82.5	83.1	83.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
[illegible]		76.2	79.1	83.4	84.8	85.5	85.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
[illegible]		76.8	79.7	84.0	85.4	86.0	86.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
[illegible]		78.6	80.9	85.2	86.7	87.3	87.4	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7
[illegible]		79.2	82.4	86.8	88.3	88.9	89.0	90.0	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3
[illegible]		79.5	82.6	87.5	89.0	89.7	89.8	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
[illegible]		79.5	82.6	87.7	89.2	89.9	90.0	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
[illegible]		79.6	82.8	88.1	89.6	90.3	90.4	91.4	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
[illegible]		79.7	82.9	88.4	90.0	90.6	90.9	91.8	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3
[illegible]		79.7	82.9	88.8	90.5	91.3	91.5	92.5	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9
[illegible]		80.0	83.2	89.2	91.0	91.7	91.9	93.2	93.3	93.5	93.5	93.5	93.7	93.7	93.7	93.7
[illegible]		80.0	83.2	89.6	91.4	92.2	92.6	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4
[illegible]		80.0	83.2	89.6	91.4	92.2	92.6	94.2	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8
[illegible]		80.0	83.2	89.6	91.4	92.2	92.7	94.8	95.3	95.7	95.7	95.8	95.9	96.0	96.1	96.7
[illegible]		80.0	83.2	89.6	91.4	92.2	92.7	94.9	95.4	95.8	95.8	96.2	96.3	96.5	96.8	98.1
[illegible]		80.0	83.2	89.6	91.4	92.2	92.7	94.9	95.4	95.8	95.8	96.2	96.6	96.8	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0900

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS: GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		44.3	45.4	47.7	48.4	48.6	48.7	49.1	49.2	49.2	49.4	49.4	49.4	49.5	49.5	49.7
GE 20000		49.4	50.9	53.5	54.6	55.1	55.2	55.6	55.7	55.7	55.8	55.8	55.8	55.9	55.9	56.1
GE 18000		49.6	51.1	53.8	54.6	55.3	55.4	55.8	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.3
GE 16000		49.6	51.1	53.8	54.8	55.3	55.4	55.8	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.3
GE 14000		49.6	51.1	53.8	54.8	55.3	55.4	55.8	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.3
GE 12000		49.9	51.4	54.1	55.2	55.6	55.7	56.1	56.2	56.2	56.3	56.3	56.3	56.5	56.5	56.7
GE 10000		50.9	52.4	55.5	56.6	57.1	57.2	57.6	57.7	57.7	57.8	57.8	57.8	58.0	58.0	58.2
GE 9000		52.8	54.3	57.5	58.6	59.1	59.2	59.7	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.2
GE 8000		54.7	56.5	59.7	61.3	61.9	62.0	62.6	62.7	62.7	62.8	62.8	62.8	62.9	62.9	63.1
GE 7000		59.5	61.3	64.5	66.1	66.8	66.9	67.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7	68.0
GE 6000		60.1	62.0	65.3	66.9	67.5	67.6	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.7
GE 5000		60.2	62.2	65.4	67.0	67.6	67.7	68.3	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.8
GE 4500		60.5	62.7	65.9	67.5	68.2	68.3	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.4
GE 4000		62.2	64.6	67.8	69.5	70.1	70.2	70.8	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.3
GE 3500		63.9	66.3	69.6	71.2	71.8	71.9	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	73.0
GE 3000		69.1	71.7	75.1	76.8	77.4	77.5	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.6
GE 2500		71.0	73.7	77.4	79.1	79.8	79.9	80.4	80.5	80.5	80.6	80.6	80.6	80.8	80.8	81.0
GE 2000		74.1	77.2	81.3	83.0	83.7	83.8	84.3	84.4	84.6	84.8	84.6	84.8	84.9	84.9	85.2
GE 1800		74.6	77.7	81.8	83.7	84.3	84.4	84.9	85.1	85.3	85.5	85.5	85.5	85.6	85.6	85.8
GE 1500		75.6	78.8	83.0	84.9	85.6	85.8	86.3	86.5	86.7	86.9	86.9	86.9	87.0	87.0	87.2
GE 1200		76.5	80.1	84.3	86.5	87.1	87.3	87.8	88.0	88.2	88.4	88.4	88.4	88.5	88.5	88.7
GE 1000		76.8	80.5	85.3	87.4	88.1	88.3	88.8	89.0	89.2	89.5	89.5	89.5	89.7	89.7	89.9
GE 900		77.2	81.0	85.8	88.0	88.6	88.8	89.4	89.6	89.8	90.0	90.0	90.1	90.2	90.2	90.4
GE 800		77.6	81.6	86.6	88.7	89.6	89.9	90.6	90.9	91.1	91.3	91.3	91.4	91.5	91.5	91.7
GE 700		77.8	81.9	87.1	89.4	90.3	90.8	91.5	91.7	91.9	92.2	92.2	92.3	92.4	92.4	92.6
GE 600		78.0	82.0	87.4	89.8	90.8	91.2	91.9	92.2	92.5	92.7	92.7	92.8	92.9	92.9	93.1
GE 500		78.4	82.5	88.4	90.8	92.3	92.7	93.9	94.1	94.4	94.6	94.6	94.7	94.8	94.8	95.1
GE 400		78.6	82.7	89.1	91.7	93.2	93.8	95.1	95.4	95.7	95.9	95.9	96.0	96.1	96.1	96.3
GE 300		78.6	82.7	89.1	91.8	93.3	94.1	95.4	95.7	96.3	96.7	96.7	96.9	97.0	97.0	97.2
GE 200		78.6	82.7	89.1	91.8	93.3	94.1	95.4	95.7	96.5	96.8	96.8	97.1	97.2	97.3	98.2
GE 100		78.6	82.7	89.1	91.8	93.3	94.1	95.5	95.8	96.6	96.9	97.0	97.4	97.5	97.6	98.7
GE 0		78.6	82.7	89.1	91.8	93.3	94.1	95.5	95.8	96.6	97.0	97.1	97.5	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 0
NO CEIL		39.0	43.1	43.1	43.5	43.5	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 20000		46.7	48.1	52.0	52.6	52.6	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3
GE 18000		46.7	48.1	52.3	52.8	52.8	53.2	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
GE 16000		46.7	48.1	52.3	52.8	52.8	53.2	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
GE 14000		46.7	48.1	52.3	52.8	52.8	53.2	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000		46.8	48.2	52.4	52.9	52.9	53.3	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7
GE 10000		47.7	49.1	53.4	54.1	54.1	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
GE 9000		48.9	50.4	54.7	55.5	55.5	56.0	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7
GE 8000		51.4	53.1	58.0	58.7	58.7	59.2	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
GE 7000		53.0	54.7	59.8	60.5	60.5	61.1	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
GE 6000		53.5	55.3	60.3	61.1	61.1	61.6	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE 5000		53.7	55.4	60.5	61.3	61.3	61.8	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
GE 4500		53.7	55.4	60.6	61.4	61.4	61.9	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
GE 4000		55.2	57.0	62.6	63.3	63.3	63.9	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
GE 3500		57.2	59.0	64.9	65.7	65.7	66.2	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 3000		62.2	64.2	70.4	71.2	71.2	71.9	72.9	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 2500		64.1	66.2	73.1	74.0	74.0	74.9	75.9	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 2000		66.7	69.2	76.6	77.7	77.7	78.7	79.8	79.8	80.2	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800		67.6	70.3	78.0	78.9	78.9	79.9	81.0	81.0	81.4	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500		69.5	72.4	80.3	81.3	81.3	82.5	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	84.5
GE 1200		70.2	73.1	81.5	82.5	82.5	83.8	84.9	84.9	85.4	85.8	85.8	85.8	85.8	85.8	85.8
GE 1000		71.3	74.3	82.9	84.1	84.2	85.7	87.1	87.1	87.5	88.1	88.1	88.1	88.1	88.1	88.1
GE 900		71.3	74.3	83.0	84.2	84.3	85.9	87.4	87.4	87.8	88.4	88.4	88.4	88.4	88.4	88.4
GE 800		71.5	74.5	83.5	84.9	85.1	86.8	88.6	88.6	89.1	89.7	89.7	89.7	89.7	89.7	89.7
GE 700		71.5	74.7	84.0	85.5	85.7	87.6	89.5	89.7	90.2	90.8	90.8	90.8	90.8	90.8	90.8
GE 600		71.5	74.7	84.2	85.9	86.1	88.3	90.2	90.4	91.0	91.5	91.5	91.6	91.6	91.6	91.6
GE 500		71.5	74.7	84.5	86.2	86.5	88.6	90.8	91.2	91.8	92.4	92.5	92.6	92.6	92.6	92.6
GE 400		71.5	74.7	84.8	86.5	87.3	89.7	92.3	92.9	93.7	94.3	94.4	94.5	94.5	94.5	94.5
GE 300		71.5	74.8	84.9	86.9	87.4	89.8	92.7	93.3	94.4	95.1	95.2	95.4	95.4	95.4	96.0
GE 200		71.5	74.8	84.9	86.9	87.4	89.9	93.0	93.7	95.3	96.1	96.3	96.6	96.7	96.8	98.4
GE 100		71.5	74.8	84.9	86.9	87.4	89.9	93.0	93.7	95.3	96.1	96.3	96.6	97.0	97.1	99.2
GE 0		71.5	74.8	84.9	86.9	87.4	89.9	93.0	93.7	95.3	96.1	96.3	96.7	97.1	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 46	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		42.5	44.3	46.2	46.9	47.0	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000		49.1	51.5	53.5	54.2	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000		49.7	52.0	54.3	54.9	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000		49.7	52.0	54.3	54.9	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000		49.9	52.3	54.5	55.2	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 12000		50.0	52.4	54.6	55.3	55.4	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 10000		51.1	53.4	55.7	56.3	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 9000		52.8	55.2	57.6	58.3	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000		54.7	57.1	59.9	60.5	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 7000		57.0	59.5	62.3	62.9	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000		57.1	59.6	62.5	63.1	63.2	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 5000		57.1	59.6	62.6	63.2	63.3	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500		57.2	59.7	62.7	63.3	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4000		59.4	61.9	65.3	66.1	66.2	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3500		60.8	63.4	67.2	68.1	68.2	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 3000		67.6	70.5	74.5	75.6	75.8	76.0	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500		70.3	73.3	77.7	78.6	79.1	79.4	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2000		72.6	76.0	81.2	82.3	82.8	83.1	83.8	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1800		72.9	76.5	81.7	82.8	83.3	83.7	84.3	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1600		74.9	78.5	84.0	85.1	85.6	86.0	86.8	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200		76.0	79.6	85.5	86.6	87.1	87.5	88.3	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000		76.7	80.3	86.7	87.8	88.4	89.1	90.0	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900		76.8	80.4	87.1	88.3	88.6	89.6	90.5	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800		76.9	80.6	87.7	89.2	89.8	90.5	91.7	91.9	92.5	92.5	92.5	92.5	92.6	92.6	92.6
GE 700		77.0	80.8	88.1	89.9	90.5	91.3	92.6	92.9	93.4	93.4	93.4	93.4	93.5	93.5	93.5
GE 600		77.0	80.8	88.7	90.9	91.5	92.3	93.8	94.2	94.7	94.7	94.7	94.7	94.8	94.8	94.8
GE 500		77.0	80.8	88.9	91.3	91.9	93.0	95.2	95.6	96.3	96.3	96.3	96.3	96.5	96.5	96.5
GE 400		77.0	80.8	88.9	91.3	92.0	93.1	95.6	96.1	97.0	97.1	97.1	97.1	97.3	97.3	97.3
GE 300		77.0	80.8	88.9	91.3	92.3	93.3	96.0	96.7	97.8	98.0	98.0	98.0	98.2	98.3	98.4
GE 200		77.0	80.8	88.9	91.4	92.4	93.4	96.1	96.8	98.2	98.3	98.4	98.5	98.8	99.1	99.5
GE 100		77.0	80.8	88.9	91.4	92.4	93.4	96.1	96.8	98.2	98.3	98.5	98.6	99.0	99.4	99.9
GE 0		77.0	80.8	88.9	91.4	92.4	93.4	96.1	96.8	98.2	98.3	98.5	98.6	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	GT 160	GE 96	GE 80	GE 64	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		42.9	44.4	45.9	46.1	46.5	46.6	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 20000		51.7	53.9	56.3	56.6	56.9	57.0	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000		51.8	54.0	56.7	56.9	57.2	57.3	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000		51.8	54.0	56.7	56.9	57.2	57.3	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000		51.8	54.0	56.7	56.9	57.2	57.3	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000		52.5	54.6	57.3	57.5	57.8	58.0	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 10000		53.5	55.8	58.6	58.8	59.1	59.2	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 9000		55.1	57.3	60.1	60.3	60.6	60.8	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000		58.7	61.0	63.8	64.0	64.3	64.4	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000		61.4	63.8	66.7	67.0	67.4	67.5	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000		61.9	64.3	67.2	67.5	68.0	68.1	68.7	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0
GE 5000		62.4	64.7	68.0	68.3	68.7	68.8	69.5	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8
GE 4500		62.8	65.2	68.4	68.7	69.1	69.2	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2
GE 4000		64.4	66.9	75.1	70.4	70.9	71.0	71.7	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 3500		66.2	68.7	71.9	72.3	72.7	72.8	73.5	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9
GE 3000		74.2	76.9	81.0	81.5	81.9	82.2	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 2500		77.0	80.0	84.2	84.7	85.2	85.4	86.1	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5
GE 2000		79.[illegible]	82.4	87.1	87.6	88.2	88.4	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
GE 1800		80.2	83.3	88.1	88.6	89.1	89.4	90.4	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8
GE 1500		81.6	84.5	90.0	90.5	91.2	91.4	92.5	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1200		82.6	86.1	91.3	91.8	92.5	92.7	93.8	94.1	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 1000		82.8	86.3	91.6	92.4	93.0	93.3	94.5	94.8	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 900		82.8	86.5	91.7	92.7	93.4	93.8	95.2	95.5	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 800		82.8	86.5	92.2	93.4	94.2	94.8	96.8	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 700		82.8	86.5	92.2	93.4	94.5	95.2	97.2	97.5	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 600		82.8	86.5	92.4	93.7	94.6	95.5	97.5	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 500		82.8	86.5	92.4	93.7	94.9	95.8	98.0	98.3	98.7	98.7	98.7	98.8	99.0	99.0	99.0
GE 400		82.8	86.5	92.4	93.7	94.9	96.0	98.2	98.7	99.1	99.1	99.1	99.2	99.5	99.5	99.5
GE 300		82.8	86.5	92.4	93.7	94.9	96.0	98.2	98.9	99.4	99.4	99.5	99.7	99.9	99.9	99.9
GE 200		82.8	86.5	92.4	93.7	94.9	96.0	98.2	98.9	99.4	99.4	99.6	99.8	100.0	100.0	100.0
GE 100		82.8	86.5	92.4	93.7	94.9	96.0	98.2	98.9	99.4	99.4	99.6	99.8	100.0	100.0	100.0
GE 0		82.8	86.5	92.4	93.7	94.9	96.0	98.2	98.9	99.4	99.4	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: GR2270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2300

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE [illegible]
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		46.8	47.7	50.6	51.1	51.3	51.5	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 22000		52.2	53.3	57.1	57.6	57.8	58.1	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 18000		52.2	53.4	57.4	58.0	58.2	58.4	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.
GE 16000		52.3	53.5	57.5	58.1	58.3	58.5	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000		52.3	53.5	57.5	58.1	58.3	58.5	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000		52.5	53.8	57.7	58.3	58.5	58.7	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000		54.4	55.9	60.2	60.8	61.0	61.2	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 9000		56.6	58.2	62.9	63.4	63.7	63.9	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 8000		60.6	62.4	67.4	68.4	68.6	68.8	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 7000		63.5	65.5	70.5	71.6	71.8	72.0	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000		64.1	66.0	71.1	72.2	72.4	72.7	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 5000		64.5	66.6	71.8	73.0	73.4	73.8	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500		65.2	67.2	72.5	73.7	74.1	74.4	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000		66.8	68.8	74.1	75.4	75.8	76.1	76.7	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0
GE 3500		68.1	70.2	75.6	77.0	77.4	77.7	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6
GE 3000		74.5	77.0	82.5	83.9	84.3	84.7	85.3	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.6
GE 2500		76.8	79.6	85.5	87.0	87.4	87.8	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7
GE 2000		78.7	81.6	88.0	89.6	90.0	90.9	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7
GE 1500		79.1	82.3	88.6	90.2	90.6	91.5	92.0	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4
GE 1500		80.1	83.5	90.0	91.7	92.2	93.0	93.5	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9
GE 1200		80.8	84.4	90.9	92.6	93.0	93.9	94.4	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7
GE 1000		80.9	84.5	91.2	92.9	93.3	94.3	94.8	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4
GE 900		81.0	84.6	91.3	93.0	93.4	94.5	95.1	95.1	95.4	95.5	95.5	95.6	95.6	95.6	95.6
GE 800		81.0	84.6	91.6	93.5	94.0	95.2	96.0	96.0	96.3	96.5	96.5	96.6	96.6	96.6	96.6
GE 700		81.0	84.6	91.9	93.9	94.3	95.6	96.5	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 600		81.0	84.6	92.0	94.1	94.6	96.0	96.9	96.9	97.3	97.4	97.4	97.5	97.5	97.5	97.5
GE 500		81.0	84.6	92.0	94.2	94.7	96.1	97.2	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1
GE 400		81.0	84.6	92.0	94.2	94.7	96.1	97.5	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 300		81.0	84.6	92.0	94.3	94.8	96.2	97.6	98.1	98.5	98.7	98.7	98.9	99.0	99.0	99.0
GE 200		81.0	84.6	92.0	94.3	94.8	96.2	97.6	98.2	98.6	98.8	98.9	99.1	99.2	99.2	99.2
GE 100		81.0	84.6	92.0	94.3	94.8	96.2	97.7	98.3	98.7	98.9	99.0	99.2	99.4	99.4	99.7
GE 0		81.0	84.6	92.0	94.3	94.8	96.2	97.7	98.3	98.7	98.9	99.0	99.2	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	GE 160	GE 90	GE 80	GE 60	GE 45	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
	VISIBILITY IN HUNDREDS OF METERS															
NO CEIL		51.8	52.9	54.9	56.2	56.6	56.9	57.7	57.7	57.8	57.8	57.8	58.0	58.0	58.0	58.2
GE 20000		55.5	57.0	59.4	60.8	61.1	61.4	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.7
GE 18000		55.6	57.2	59.7	61.1	61.4	61.7	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	63.0
GE 16000		55.9	57.5	60.0	61.4	61.7	62.0	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.3
GE 14000		55.9	57.5	60.0	61.4	61.7	62.0	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.3
GE 12000		55.9	57.5	60.0	61.4	61.7	62.0	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.3
GE 10000		57.2	58.8	61.5	62.9	63.2	63.5	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.8
GE 9000		59.2	60.9	63.7	65.1	65.4	65.7	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	67.0
GE 8000		62.7	64.9	68.0	69.4	69.7	70.0	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.3
GE 7000		65.1	67.3	70.3	72.0	72.4	72.7	73.5	73.5	73.7	73.7	73.7	73.8	73.8	73.8	74.0
GE 6000		66.1	68.4	71.4	73.1	73.4	73.8	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	75.1
GE 5000		67.0	69.8	72.9	74.6	74.9	75.3	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.6
GE 4500		67.4	70.2	73.3	75.1	75.4	75.7	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	77.0
GE 4000		68.9	71.8	74.9	76.9	77.2	77.5	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.8
GE 3500		70.1	73.0	76.6	78.5	79.0	79.4	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.6
GE 3000		74.4	77.8	81.6	83.7	84.2	84.5	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.8
GE 2500		76.3	80.2	84.1	86.1	86.7	87.0	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.3
GE 2000		77.5	81.8	85.8	87.8	88.4	88.7	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	90.0
GE 1800		78.2	82.5	86.9	88.9	89.5	89.8	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	91.1
GE 1500		79.5	83.6	88.4	90.5	91.1	91.4	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.7
GE 1200		80.0	84.3	88.9	91.1	91.6	92.0	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.3
GE 1000		80.4	84.8	89.5	91.8	92.4	93.2	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.5
GE 900		80.6	85.1	89.8	92.3	92.8	93.7	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	95.1
GE 800		80.6	85.1	89.9	92.5	93.0	94.0	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.4
GE 700		80.8	85.3	90.2	93.1	93.7	94.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.1
GE 600		80.8	85.6	90.6	93.9	94.3	95.4	96.7	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.3
GE 500		80.8	85.8	90.9	94.2	94.5	95.6	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.5
GE 400		80.8	85.8	91.0	94.5	94.8	95.9	97.2	97.4	97.6	97.6	97.6	97.7	97.7	97.7	98.0
GE 300		80.8	85.8	91.0	94.8	94.9	96.0	97.3	97.6	97.8	97.8	98.0	98.2	98.2	98.2	98.4
GE 200		80.8	85.8	91.1	94.9	95.2	96.2	97.8	98.3	98.5	98.5	98.6	98.9	98.9	98.9	99.1
GE 100		80.8	85.8	91.1	94.9	95.2	96.2	97.8	98.3	98.6	98.6	98.7	99.0	99.0	99.0	99.9
GE 0		80.8	85.8	91.1	94.9	95.2	96.2	97.8	98.3	98.6	98.6	98.7	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		45.6	46.9	49.2	49.8	50.0	50.2	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.1
GE 20000		51.4	53.1	55.9	56.7	56.9	57.1	57.7	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.[illegible]
GE 18000		51.6	53.4	56.3	57.1	57.3	57.5	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.5
GE 16000		51.7	53.4	56.4	57.1	57.4	57.6	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5
GE 14000		51.7	53.4	56.4	57.2	57.4	57.6	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5
GE 12000		51.9	53.6	56.6	57.4	57.6	57.8	58.4	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7
GE 10000		53.0	54.8	57.9	58.7	59.0	59.2	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1
GE 9000		54.5	56.3	59.6	60.4	60.6	60.9	61.5	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8
GE 8000		57.5	59.5	63.1	64.1	64.3	64.6	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5
GE 7000		60.3	62.5	66.1	67.2	67.4	67.7	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.7
GE 6000		60.9	63.0	66.7	67.8	68.0	68.3	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.3
GE 5000		61.1	63.4	67.1	68.2	68.5	68.8	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.8
GE 4500		61.5	63.9	67.6	68.7	69.0	69.3	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.3
GE 4000		63.2	65.6	69.5	70.6	70.9	71.2	71.9	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.[illegible]
GE 3500		64.8	67.3	71.4	72.5	72.9	73.2	73.9	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.3
GE 3000		70.6	73.3	77.7	78.9	79.3	79.7	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.9
GE 2500		72.9	75.8	80.4	81.7	82.1	82.5	83.3	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7
GE 2000		75.1	78.3	83.3	84.6	85.0	85.5	86.3	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.9
GE 1800		75.7	79.0	84.0	85.3	85.8	86.2	87.1	87.2	87.4	87.5	87.5	87.5	87.6	87.6	87.6
GE 1500		77.1	80.4	85.7	87.1	87.5	88.0	88.9	89.0	89.2	89.4	89.4	89.4	89.5	89.5	89.5
GE 1000		78.1	81.6	87.0	88.4	88.9	89.4	90.3	90.4	90.7	90.8	90.8	90.9	90.9	90.9	91.0
GE 1500		78.5	82.1	87.8	89.3	89.8	90.5	91.4	91.5	91.8	92.0	92.0	92.1	92.1	92.1	92.2
GE 900		78.6	82.2	88.1	89.6	90.1	90.8	91.8	91.9	92.2	92.4	92.4	92.5	92.5	92.5	92.6
GE 800		78.7	82.4	88.5	90.2	90.8	91.5	92.8	92.9	93.2	93.3	93.4	93.4	93.5	93.5	93.6
GE 700		78.8	82.5	88.9	90.7	91.3	92.2	93.4	93.6	93.9	94.1	94.1	94.1	94.2	94.2	94.3
GE 600		78.8	82.6	89.3	91.2	91.9	92.9	94.2	94.4	94.8	94.9	94.9	95.0	95.1	95.1	95.1
GE 500		78.9	82.8	89.6	91.5	92.3	93.3	94.9	95.2	95.6	95.7	95.7	95.8	95.9	95.9	96.0
GE 400		79.0	82.8	89.8	91.8	92.6	93.8	95.6	95.9	96.4	96.6	96.6	96.7	96.8	96.8	96.9
GE 300		79.0	82.8	89.8	91.9	92.7	93.9	95.8	96.3	96.9	97.1	97.1	97.3	97.4	97.4	97.6
GE 200		79.0	82.8	89.8	91.9	92.8	94.0	96.1	96.6	97.3	97.6	97.7	97.9	98.1	98.1	98.6
GE 100		79.0	82.8	89.8	91.9	92.8	94.1	96.2	96.7	97.4	97.6	97.8	98.1	98.3	98.4	99.4
GE 0		79.0	82.8	89.8	91.9	92.8	94.1	96.2	96.7	97.4	97.6	97.8	98.1	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	.0	62.5	63.1	63.7	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
GE 20000	.0	70.7	71.3	72.1	72.3	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	.0	71.1	71.8	72.6	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2
GE 16000	.0	71.2	71.9	72.6	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 14000	.0	71.2	71.9	72.7	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
GE 12000	.0	71.5	72.2	72.9	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 10000	.0	72.7	73.4	74.2	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
GE 9000	.0	74.2	74.9	75.7	75.9	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000	.0	78.8	79.6	80.6	80.8	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	.0	81.1	82.0	82.9	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6
GE 6000	.0	81.5	82.3	83.3	83.6	83.6	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	.0	81.7	82.6	83.5	83.9	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 4000	.0	81.8	82.6	83.6	83.9	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	.0	83.4	84.4	85.4	85.7	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	.0	85.2	86.1	87.2	87.5	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0
GE 2000	.0	90.1	91.2	92.4	92.7	92.8	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3
GE 1800	.0	91.2	92.4	93.7	94.0	94.1	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6
GE 1600	.0	92.2	93.5	94.9	95.3	95.4	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0
GE 1400	.0	92.3	93.6	95.1	95.5	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2
GE 1200	.0	92.8	94.2	95.8	96.2	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	.0	93.1	94.5	96.3	96.7	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
GE 900	.0	93.3	94.8	96.6	97.1	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0
GE 800	.0	93.4	94.8	96.7	97.2	97.4	97.7	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
GE 700	.0	93.4	94.9	96.8	97.4	97.6	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 600	.0	93.5	95.0	96.9	97.5	97.7	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
GE 500	.0	93.5	95.0	97.0	97.7	97.9	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 400	.0	93.5	95.1	97.1	97.8	98.0	98.3	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 300	.0	93.5	95.1	97.2	97.6	98.1	98.4	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 200	.0	93.5	95.1	97.2	97.9	98.1	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4
GE 100	.0	93.5	95.1	97.2	97.9	98.1	98.5	98.9	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.6
GE 0	.0	93.5	95.1	97.2	97.9	98.1	98.5	99.0	99.1	99.3	99.4	99.4	99.4	99.5	99.6	99.8
GE	.0	93.5	95.1	97.2	97.9	98.1	98.5	99.0	99.1	99.3	99.4	99.4	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 87568

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78,80-82,84,86
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	28.0	8.0		28.0	4.0		4.0				28.0	4.1	25
03-05	15.8	5.3		21.1	15.8	5.3	10.5				26.3	4.8	19
06-08	17.4	13.0		13.0	13.0	13.0			4.3		26.1	4.7	23
09-11	10.7	14.3		14.3	7.1	10.7			7.1	7.1	28.6	5.5	28
12-14	15.8	21.1		21.1		5.3			5.3	10.5	21.1	4.5	19
15-17	6.3	18.8			6.3	6.3	12.5		6.3	25.0	18.8	6.1	16
18-20	12.5	12.5		43.8		6.3					25.0	4.3	16
21-23	33.3	25.0		8.3	8.3	8.3			8.3		8.3	2.8	12
TOTALS	17.5	14.8		18.7	6.8	6.9	3.4		3.9	5.3	22.8	4.6	198

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78,80-81
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	7.1	21.4		7.1	14.3					14.3	35.7	5.9	14
03-05	29.4	17.6		17.6	5.9					11.8	17.6	3.8	17
06-08	25.0			8.3					8.3	8.3	50.0	6.7	12
09-11	14.8	14.8		7.4		7.4	3.7			14.8	29.6	5.6	27
12-14		10.5		10.5		10.5	5.3		5.3	10.5	47.4	7.4	19
15-17	9.1			9.1		18.2	9.1		9.1	36.4	9.1	6.5	11
18-20	17.6	5.9		29.4			5.9		11.8	5.9	23.5	5.1	17
21-23	11.8	5.9		23.5	17.6	11.8	5.9		5.9		17.6	4.6	17
TOTALS	14.4	11.0		14.1	4.7	6.0	3.7		5.1	13.2	28.8	5.7	134

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PPPPPPPP        AAAAAAA        RRRRRRRR        TTTTTTTTTT        EEEEEEEEE
PPPPPPPPP      AAAAAAAA       RRRRRRRRR       TTTTTTTTTT        EEEEEEEEE
PP      PP     AA     AA      RR      RR          TT            EE
PP      PP     AA     AA      RR      RR          TT            EE
PPPPPPPPP      AA     AA      RRRRRRRRR           TT            EEEEEE
PPPPPPPP       AAAAAAAAAA      RRRRRRRR            TT            EEEEEE
PP             AAAAAAAAAA      RR    RR            TT            EE
PP             AA     AA      RR     RR           TT            EE
PP             AA     AA      RR      RR          TT            EEEEEEEEE
PP             AA     AA      RR       RR         TT            EEEEEEEEE
```

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 55 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 PERCENT INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 105							.2	.1					.[illegible]
GE 100						.2	5.2	1.4					.[illegible]
GE 95						4.4	24.1	14.8	1.6				[illegible]
GE 90					.7	15.3	54.4	44.9	15.3				[illegible]
GE 85					5.6	32.7	78.8	69.6	30.1	.9			[illegible]
GE 80				.6	17.2	56.8	93.5	89.5	57.5	6.8			[illegible]
GE 75			.6	3.9	33.4	74.9	98.8	97.4	77.1	20.0	.7		[illegible]
GE 70		.1	5.9	18.1	52.2	86.3	100.0	99.8	88.9	41.7	2.7		[illegible]
GE 65	.3	2.6	16.1	37.5	69.6	95.4		100.0	96.7	64.8	9.6	.[illegible]	[illegible]
GE 60	4.6	16.7	39.2	65.2	89.3	99.1			99.0	88.2	30.3	[illegible]	[illegible]
GE 55	21.6	39.8	67.9	87.0	97.1	99.9			100.0	97.3	60.7	[illegible]	[illegible]
GE 50	54.3	72.6	90.1	97.7	100.0	100.0				100.0	88.0	[illegible]	[illegible]
GE 45	82.3	92.7	98.4	99.7							98.4	[illegible]	[illegible]
GE 40	95.1	97.8	99.7	100.0							99.9	96.7	[illegible]
GE 35	99.5	99.3	100.0								100.0	[illegible]	[illegible]
GE 30	100.0	99.9										[illegible]	[illegible]
GE 25		100.0											[illegible]
MEAN	49.9	52.9	57.9	62.5	70.3	80.4	89.7	87.9	80.3	68.0	56.4	[illegible]	67.[illegible]
SD	5.782	6.366	7.021	7.077	8.793	8.634	6.359	6.273	8.155	7.328	6.254	5.769	[illegible]
TOTAL OBS	926	846	929	897	899	869	899	899	868	929	900	928	[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURE
FROM SUMMARY OF DAY DATA

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: [illegible]

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]							.1	.1					[illegible]
[illegible]						[illegible]	[illegible]	1.5	[illegible]				[illegible]
[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	19.7	[illegible]	[illegible]		[illegible]
[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.3					[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9					[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
[illegible]	[illegible]	[illegible]										[illegible]	[illegible]
[illegible]		[illegible]											[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-67

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]								.1					.0
[illegible]							1.5	.7					.2
[illegible]						2.9	19.1	10.3	.9				5.8
[illegible]					.5	13.1	55.1	44.4	13.6				18.5
[illegible]					5.3	79.9	96.2	91.1	37.7	.9			28.7
[illegible]				.7	19.5	67.5	98.1	97.2	67.6	10.8	.1		29.7
[illegible]		.1	1.4	7.1	44.5	88.1	99.9	100.0	90.6	57.2	1.3		38.8
[illegible]	.2	1.5	11.6	33.3	71.9	97.9	100.0		97.9	78.6	18.4	1.5	49.9
[illegible]	8.5	15.1	39.4	79.1	92.9	99.9			100.0	91.9	38.6	13.9	63.7
[illegible]	32.3	49.7	71.1	95.6	99.1	100.0				98.6	72.7	36.7	79.3
[illegible]	75.1	81.4	93.1	99.6	100.0					100.0	92.1	69.1	91.8
[illegible]	91.8	95.7	99.1	100.0							99.4	93.0	98.7
[illegible]	98.9	98.8	100.0								100.0	98.9	99.7
[illegible]	100.0	99.6										99.9	100.0
[illegible]		99.9										100.0	100.0
[illegible]		100.											100.0
[illegible]	91.8	99.1	97.9	92.1	98.7	67.4	75.0	73.7	87.6	97.5	97.7	92.4	96.3
[illegible]	5.376	5.595	5.484	5.1[illegible]6	6.536	6.435	4.657	4.628	5.999	5.562	5.488	5.616	12.893
[illegible]	926	841	9[illegible]	897	899	869	694	899	868	929	930	928	10789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: GA2270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										*73	64	*52	
58	*57	*69	*71	82	86	97	100	97	92	81	69	64	100
59	63	67	69	74	80	90	101	96	80	77	67	57	101
60	*66	74	79	*77	92	97	98	95	93	66	65	55	98
61	54	69	76	74	89	94	96	97	93	78	67	61	97
62	61	64	62	68	83	92	96	99	94	82	60	60	99
63	56	51	65	72	82	95	95	97	87	82	64	54	97
64	59	64	69	77	89	94	96	95	94	83	67	59	96
65	57	60	76	77	90	99	96	103	90	76	66	60	103
66	61	61	69	75	87	95	104	101	99	74	63	58	104
67	59	64	73	77	83	96	106	96	91	80	70	61	106
68	61	59	74	77	83	101	101	97	90	87	71	59	101
69	61	56	63	76	83	95	101	99	84	74	65	59	101
70	57	63	66	61	88	94	98	94	95	85	76	58	98
71	57	68	62	71	75	91	100	98	93	82	66	62	100
72	55	57	68	73	89	93	96	93	82	71	64	60	96
73	57	62	64	75	86	91	98	100	93	75	69	59	100
74	60	60	73	71	91	91	100	100	87	78	66	64	100
75	60	64	66	78	75	91	102	104	82	86	71	57	104
76	69	66	78	77	86	95	98	105	87	80	62	62	105
77	57	64	75	82	84	91	100	96	93	84	69	62	100
78	59	66	71	73	78	82	104	98	95	86	69	66	104
79	60	62	69	69	84	*93	102	98	93	82	70	*68	102
80	64	64	73	75	77	95	100	100	93	86	72	59	100
81	63	64	75	76	82	100	102	93	93	82	75	63	102
82	57	64	66	73	84	97	104	97	88	75	66	61	104
83	64	61	73	73	79	97	100	95	95	82	64	64	100
84	*57	64	64	75	72	91	102	95	*99	79	64	61	102
85	61	63	68	77	79	99	100	99	99	84	73	64	100
86	55	61	72	70	90	99	102	99	97	79	66	57	102

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
87	57	68	68	82									
MEAN	59.4	63.1	69.8	75.0	83.7	94.0	100.0	97.8	91.1	79.9	67.2	60.2	100.8
S.D.	3.366	4.337	4.870	3.831	5.219	4.145	2.777	3.004	4.919	4.933	3.945	2.865	2.769
TOTAL OBS	926	846	929	897	899	869	899	899	868	929	900	928	10789

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 08270 STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										*39	32	*27	
58	*22	*26	*28	32	43	49	52	51	56	41	32	34	*2[illegible]
59	30	31	36	41	39	47	57	56	52	43	35	30	[illegible]
60	*25	26	37	*34	39	55	54	53	49	37	30	26	*25
61	25	31	34	39	44	44	53	54	49	39	32	24	24
62	27	27	24	32	34	39	50	52	47	38	22	11	11
63	23	3	26	29	37	41	48	48	49	39	33	22	3
64	22	26	25	33	41	45	54	50	47	29	28	21	[illegible]
65	22	19	23	31	41	42	51	47	39	42	[illegible]	25	19
66	28	32	27	30	35	44	50	49	43	32	25	[illegible]	[illegible]
67	21	25	25	28	35	42	50	46	43	31	31	17	17
68	15	24	28	28	33	37	50	51	41	38	26	[illegible]	15
69	19	21	26	32	39	39	50	49	40	37	24	19	19
70	26	24	21	26	28	44	51	53	45	28	32	17	17
71	12	24	17	35	35	39	51	44	39	37	21	21	[illegible]
72	17	26	28	24	30	37	48	46	39	33	25	24	17
73	19	19	19	21	35	46	51	53	37	35	23	24	[illegible]
74	26	26	24	33	33	42	50	44	37	24	21	24	[illegible]
75	21	30	26	26	32	39	53	46	39	30	24	21	21
76	24	24	24	32	37	42	55	55	44	33	24	33	24
77	28	32	21	30	33	39	45	44	46	41	24	5	[illegible]
78	24	19	26	26	35	39	46	46	42	37	[illegible]	21	19
79	26	19	24	30	33	*46	56	51	39	37	27	*19	*19
80	25	26	27	30	36	46	45	54	46	32	27	18	18
81	12	18	30	30	41	41	48	52	39	32	34	[illegible]	12
82	30	30	26	32	32	46	50	54	43	36	29	27	27
83	21	14	27	35	32	42	52	54	48	36	36	27	14
84	*27	21	23	36	34	39	52	44	*37	37	25	[illegible]	21
85	14	30	27	32	34	45	48	48	48	39	21	27	14
86	25	21	28	29	36	45	55	54	50	39	37	27	21

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 20 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
CARETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 57-87

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
87	27	25	27	32									
MEAN	22.6	23.6	26.3	31.8	35.7	42.7	50.8	50.1	44.0	35.6	27.5	22.5	18.[illegible]
S.D.	5.132	6.243	4.374	4.43	3.854	3.999	2.734	3.593	4.914	4.547	4.337	4.127	5.570
TOTAL OBS	926	846	929	897	899	869	899	899	868	929	900	928	1[illegible]84

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87

HOURS EST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	37.3	40.0	43.5	46.4	51.4	60.9	68.5	67.6	63.5	53.1	44.4	40.4	51.5
00-02	SD	6.721	7.179	5.924	5.253	6.262	6.795	6.494	5.361	6.652	6.432	6.974	7.210	12.536
	TOT OBS	930	846	930	900	929	900	930	930	900	930	900	930	10955
	MEAN	35.6	37.9	40.7	43.2	47.9	56.1	62.6	62.5	59.1	50.2	42.5	38.8	48.1
03-05	SD	7.137	7.459	6.200	5.390	6.100	6.034	5.905	5.014	6.122	6.491	7.355	7.649	11.419
	TOT OBS	929	846	929	900	930	900	930	929	900	930	898	930	10951
	MEAN	34.6	36.5	38.9	42.4	48.3	57.1	62.4	61.2	57.2	48.5	41.4	38.0	47.3
06-08	SD	7.511	7.970	6.587	5.397	5.945	6.176	5.877	4.982	5.911	6.777	7.627	8.093	11.728
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	37.3	40.2	45.9	50.9	57.5	68.4	75.6	73.3	67.9	56.1	45.9	40.4	55.0
09-11	SD	7.082	7.447	6.214	5.475	6.538	6.946	6.287	5.717	7.051	6.803	7.222	7.546	14.680
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	45.1	48.0	54.1	57.7	63.8	76.2	84.7	82.8	77.8	65.3	54.2	47.8	63.2
12-14	SD	5.803	6.227	6.170	6.427	7.924	8.063	7.194	6.265	7.596	6.860	6.530	5.975	15.232
	TOT OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
	MEAN	48.7	51.6	57.6	60.2	66.4	79.6	88.9	87.3	82.1	68.6	57.2	50.8	66.7
15-17	SD	5.869	6.438	6.765	7.413	8.723	8.840	7.813	6.487	8.009	7.586	6.895	5.757	15.767
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	43.6	47.8	54.1	57.3	64.1	77.4	87.1	84.7	77.6	62.9	51.0	45.5	62.9
18-20	SD	5.894	6.421	7.011	7.269	8.400	9.231	8.042	6.781	8.941	7.606	6.740	6.512	16.613
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	39.4	42.5	47.1	50.1	56.0	67.1	75.6	73.6	68.0	56.1	46.4	42.[illegible]	55.4
21-23	SD	5.982	6.550	5.825	5.559	6.783	7.747	7.038	5.727	7.032	6.206	6.496	6.625	13.909
	TOT OBS	930	846	930	899	930	900	930	930	900	930	899	930	10954
	MEAN	40.2	43.1	47.7	51.0	56.9	67.8	75.7	74.1	69.1	57.6	47.9	43.0	56.3
ALL	SD	8.065	8.651	9.003	9.815	9.926	11.515	11.997	11.066	11.246	9.670	8.764	8.171	15.661
HOURS	TOT OBS	7439	6768	7439	7199	7439	7200	7440	7438	7200	7440	7197	7440	87639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	35.3	37.4	40.2	42.8	47.2	53.9	56.1	55.8	54.8	48.1	41.4	38.3	46.0
00-02	SD	6.719	7.200	5.694	5.098	5.382	4.734	4.414	4.758	5.624	5.924	6.744	7.200	9.431
	TOT OBS	930	846	930	900	929	900	930	930	900	927	900	930	10952
	MEAN	33.9	35.8	38.1	40.5	44.8	51.2	53.6	53.7	52.6	46.2	39.9	36.9	44.0
03-05	SD	7.045	7.578	6.059	5.251	5.631	4.623	4.507	4.890	5.629	6.250	7.111	7.637	9.347
	TOT OBS	929	846	929	900	930	900	930	929	900	927	898	930	10948
	MEAN	33.0	34.7	36.8	40.0	45.3	52.1	54.1	53.3	51.7	45.0	39.1	36.2	43.5
06-08	SD	7.361	8.028	6.384	5.350	5.524	4.650	4.440	4.752	5.622	6.593	7.477	7.985	9.785
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
	MEAN	35.2	37.6	41.9	45.6	50.7	57.8	60.5	60.0	58.0	50.2	42.5	38.3	48.2
09-11	SD	6.820	7.408	5.664	4.862	5.038	4.437	3.641	3.857	4.957	5.734	6.849	7.393	10.543
	TOT OBS	930	846	930	900	930	900	930	930	900	928	900	930	10954
	MEAN	40.7	42.6	46.4	48.8	53.1	60.0	62.9	62.9	61.7	54.9	47.8	43.5	52.2
12-14	SD	5.259	5.970	5.320	4.877	5.029	4.406	3.527	3.400	4.344	4.596	5.589	5.581	9.304
	TOT OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
	MEAN	42.8	44.4	47.7	49.7	53.9	60.5	63.1	63.1	62.0	55.7	49.2	45.3	53.2
15-17	SD	4.927	5.769	5.219	4.704	4.815	4.151	3.235	3.161	4.053	4.466	5.478	5.207	8.668
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
	MEAN	39.8	42.4	46.0	48.5	52.9	59.7	62.2	61.8	60.0	53.2	45.8	42.1	51.2
18-20	SD	5.490	6.064	5.351	4.785	4.946	4.235	3.151	3.296	4.503	5.077	6.017	5.995	9.324
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
	MEAN	36.9	39.2	42.3	45.1	49.5	56.3	58.3	57.7	56.2	49.6	42.7	39.7	47.8
21-23	SD	6.056	6.587	5.262	4.842	5.180	4.420	3.916	4.152	4.948	5.320	6.307	6.628	9.255
	TOT OBS	930	846	930	899	930	900	930	930	900	926	899	930	10950
	MEAN	37.2	39.3	42.4	45.1	49.7	56.4	58.8	58.6	57.1	50.4	43.6	40.0	48.3
ALL	SD	7.066	7.617	6.762	6.100	6.184	5.675	5.325	5.540	6.217	6.664	7.332	7.418	10.075
HOURS	TOT OBS	7439	6768	7439	7199	7439	7200	7440	7438	7200	7419	7197	7440	87618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	32.4	33.8	35.9	38.8	43.0	48.0	45.7	45.9	47.5	43.1	37.8	35.5	40.6
00-02	SD	8.085	9.061	7.516	7.087	6.583	6.491	7.160	8.131	8.063	7.606	8.234	8.503	9.345
	TOT OBS	930	846	930	900	929	900	930	930	900	927	900	930	10952
	MEAN	31.2	32.6	34.7	37.2	41.7	46.9	45.6	45.9	46.9	42.0	36.7	34.2	39.7
03-05	SD	8.244	9.339	7.538	6.732	6.490	6.212	6.704	7.815	7.593	7.741	8.394	8.934	9.518
	TOT OBS	929	846	929	900	930	900	930	929	900	927	898	930	10948
	MEAN	30.4	31.7	33.9	37.0	42.3	47.7	46.8	46.4	46.8	41.2	36.0	33.6	39.5
06-08	SD	8.474	9.651	7.514	6.755	6.369	6.050	6.201	7.244	7.301	7.917	8.728	9.161	9.659
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
	MEAN	32.2	34.0	37.1	40.0	44.5	49.6	49.6	50.5	50.5	44.8	38.7	35.4	42.3
09-11	SD	7.937	9.053	7.314	7.068	6.225	6.309	5.584	6.031	6.581	7.181	8.277	8.617	9.769
	TOT OBS	930	846	930	900	930	900	930	930	900	928	900	930	10954
	MEAN	35.2	36.1	38.0	39.8	43.8	48.1	47.7	49.3	50.5	46.2	41.3	38.6	42.9
12-14	SD	7.346	8.622	8.124	7.517	6.222	6.444	5.984	6.283	6.690	6.668	7.952	7.711	8.828
	TOT OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
	MEAN	35.7	35.8	37.2	39.2	42.9	46.3	44.7	46.0	47.8	45.0	41.2	39.1	41.8
15-17	SD	7.534	9.076	8.164	7.439	6.141	6.506	5.709	6.516	6.844	6.781	8.243	7.746	8.344
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
	MEAN	34.8	35.8	37.2	39.6	42.8	46.3	44.1	44.8	46.7	44.5	40.2	37.9	41.3
18-20	SD	7.493	8.951	7.878	7.546	6.648	6.863	5.953	7.343	7.172	7.396	8.046	7.889	8.455
	TOT OBS	930	846	930	900	930	900	930	930	900	927	900	930	10953
	MEAN	33.3	34.7	36.5	39.6	43.4	47.6	44.6	44.7	46.4	43.2	36.5	36.4	40.6
21-23	SD	7.762	8.811	7.564	7.317	6.829	6.939	7.112	8.231	7.784	7.599	8.127	8.213	8.977
	TOT OBS	930	846	930	899	930	900	930	930	900	926	899	930	10950
	MEAN	33.1	34.3	36.3	38.9	43.1	47.6	46.1	46.7	47.9	43.8	38.8	36.4	41.1
ALL	SD	8.071	9.193	7.814	7.268	6.488	6.559	6.562	7.497	7.437	7.533	8.450	8.572	9.225
HOURS	TOT OBS	7439	6768	7439	7199	7439	7200	7440	7438	7200	7419	7197	7440	87618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: JAN

MONTH	HOURS (EST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.7	96.2	81.7	61.8	34.3	83.0	930
	03-05	100.0	100.0	100.0	100.0	99.7	97.8	87.2	64.2	39.1	84.5	929
	06-08	100.0	100.0	100.0	99.9	99.7	98.3	90.2	67.0	41.7	85.2	930
	09-11	100.0	100.0	100.0	99.8	99.2	94.8	80.0	60.1	32.4	82.4	930
	12-14	100.0	100.0	99.9	96.3	86.3	66.9	48.2	30.4	12.6	70.2	930
	15-17	100.0	100.0	98.1	89.6	71.9	52.2	37.3	18.3	8.2	63.1	930
	18-20	100.0	100.0	99.6	97.8	90.8	76.7	55.8	34.3	14.8	72.8	930
	21-23	100.0	100.0	100.0	99.6	98.4	91.4	71.2	49.4	26.2	79.4	930
	TOTALS	100.0	100.0	99.7	97.9	93.2	84.5	69.0	48.2	26.2	77.6	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
FEB	00-02	100.0	100.0	100.0	99.2	96.8	89.2	72.3	52.5	23.3	79.3	846
	03-05	100.0	100.0	100.0	99.6	98.3	94.2	80.5	58.9	27.3	81.7	846
	06-08	100.0	100.0	100.0	100.0	98.9	96.3	83.6	62.1	33.0	83.2	846
	09-11	100.0	100.0	100.0	99.6	98.0	90.1	73.5	50.7	22.2	79.4	846
	12-14	100.0	100.0	98.9	93.1	79.0	58.9	38.2	16.9	7.7	65.0	846
	15-17	100.0	99.1	96.6	82.4	60.9	39.7	23.6	12.4	5.2	57.4	846
	18-20	100.0	99.8	98.3	92.6	78.0	60.0	40.4	19.3	7.0	65.2	846
	21-23	100.0	100.0	99.9	98.6	94.2	81.7	62.5	40.2	14.9	75.1	846
	TOTALS	100.0	99.9	99.2	95.6	88.0	76.2	59.3	39.1	17.6	73.3	6766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 082270 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 79-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.1	93.5	80.8	63.8	42.9	21.2	75.7	93[illegible]
	03-05	100.0	100.0	100.0	99.9	98.6	89.7	71.6	52.4	32.3	80.1	[illegible]
	06-08	100.0	100.0	100.0	99.9	99.1	96.2	78.3	59.[illegible]	35.1	82.8	[illegible]
	09-11	100.0	100.0	99.9	98.5	90.2	76.0	56.9	35.1	16.1	72.8	[illegible]
	12-14	100.0	99.6	97.5	82.9	60.5	36.6	22.4	9.6	3.4	56.8	[illegible]
	15-17	100.0	99.4	89.6	65.4	39.0	21.5	12.4	5.5	1.5	48.9	[illegible]
	18-20	100.0	99.8	94.7	76.6	54.5	36.7	22.8	10.0	3.1	55.3	[illegible]
	21-23	100.0	100.0	99.8	94.2	82.8	66.5	47.4	27.0	11.4	68.6	[illegible]
	TOTALS	100.0	99.9	97.7	89.8	77.5	63.3	47.[illegible]	33.2	15.5	67.6	7455

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 08227 STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: 73-87
MONTH: APR

MONTH HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.9	76.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 08227D STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: [illegible]
MONTH: MAY

MONTH	HOURS (EST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	[illegible]
MAY	00-02	100.0	100.0	100.0	98.9	91.9	80.4	66.2	38.8	15.1	74.4	[illegible]
	03-05	100.0	100.0	100.0	100.0	98.7	91.1	78.9	51.2	22.9	[illegible]	[illegible]
	06-08	100.0	100.0	100.0	100.0	99.4	92.4	79.1	52.8	24.7	[illegible]	[illegible]
	09-11	100.0	100.0	99.9	95.6	81.1	52.7	33.5	13.2	3.3	[illegible]	[illegible]
	12-14	100.0	100.0	93.2	71.6	44.2	21.2	11.0	4.0	.8	[illegible]	[illegible]
	15-17	100.0	98.4	81.0	52.7	32.7	18.1	10.2	2.9	.4	45.	[illegible]
	18-20	100.0	98.4	86.8	62.2	40.0	23.0	13.7	5.8	1.9	[illegible]	[illegible]
	21-23	100.0	99.9	98.4	92.0	79.2	60.3	39.8	18.9	6.1	[illegible]	[illegible]
	TOTALS	100.0	99.6	94.9	84.2	70.9	54.9	41.6	23.5	9.4	63.4	[illegible]

[illegible] CLIMATOLOGY BRANCH — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE — RELATIVE HUMIDITY

USAFETAC — FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN — PERIOD OF RECORD: [illegible]

MONTH: AUG

[illegible]	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60%	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: [illegible] STATION NAME: TORREJON AB SPAIN

PERIOD OF RECORD: [illegible]
MONTH: [illegible]

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	[illegible]
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

[illegible] CLIMATOLOGY BRANCH CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE RELATIVE HUMIDITY
[illegible] FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

[illegible] STATION NAME: TORREJON AB SPAIN PERIOD OF RECORD: 77-87
MONTH: ALL

[illegible]	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60%	[illegible]	80%	90%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39.1	17.6	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.7	47.1	[illegible]	13.4	66.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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PPPPPPP        AAAAAA        RRRRRRR        TTTTTTTTT        EEEEEEEEE
PPPPPPPP      AAAAAAAA       RRRRRRRR       TTTTTTTTT        EEEEEEEEE
PP      PP    AA      AA     RR      RR        TT            EE
PP      PP    AA      AA     RR      RR        TT            EE
PPPPPPPP      AA      AA     RRRRRRRR          TT            EEEEEE
PPPPPP        AAAAAAAAAA     RRRRRR            TT            EEEEEE
PP            AAAAAAAAAA     RR    RR          TT            EE
PP            AA      AA     RR     RR         TT            EE
PP            AA      AA     RR      RR        TT            EE
PP            AA      AA     RR       RR       TT            EE
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PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

5 A LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

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GL    AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER:          STATION NAME:

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                   JAN       FEB       MAR       APR       MAY
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        | MEAN  |
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        | MEAN  |
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